

93.358 Advanced Education Nursing Traineeships

FEDERAL AGENCY:

HEALTH RESOURCES AND SERVICES ADMINISTRATION,
DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

Grants are awarded to eligible institutions to provide financial support through traineeships for registered nurses enrolled in advanced education nursing programs to prepare nurse practitioners, clinical nurse specialists, nurse midwives, nurse anesthetists, nurse administrators, nurse educators, public health nurses and nurses in other specialties determined by the Secretary to require advanced education.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Eligible applicants are schools of nursing, academic health centers, and other public or private non-profit entities.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 est \$15,929,500; FY 00 est \$16,500,000; and est FY 01 \$16,500,000.

Range and Average of Financial Assistance: In fiscal year 1999, the awards arranged from a low of \$551 to a high \$238,465. The average under this program was \$56,288.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Ms. Marjorie Hamilton, Bureau of Health Professions, Health Resources and Services Administration, Public Health Service, Department of Health and Human Services, 5600 Fishers Lane, Room 9-35, Parklawn Building, Rockville, MD 20857. Telephone: (301) 443-6193. Grants Management Contact: Ms. Wilma Johnson, Grants Management Officer, Bureau of Health Professions, Health Resources and Services Administration, Public Health Service, Department of Health and Human Services, Parklawn Building, Room 8C26, 5600 Fishers Lane, Rockville, MD 20857. Telephone: (301) 443-6880.

93.359 Basic Nurse Education and Practice Grants

FEDERAL AGENCY:

HEALTH RESOURCES AND SERVICES ADMINISTRATION,
DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To enhance the educational mix and utilization of the basic nursing workforce by strengthening programs that provide basic nurse education, through the following purposes: (1) Establishing or expanding nursing practice arrangements in noninstitutional settings to demonstrate methods to improve access to primary health care in medically underserved communities; (2) providing care for underserved populations and other high-risk groups such as the elderly, individuals with HIV-AIDS, substance abusers, the homeless, and victims of domestic violence; (3) providing managed care, quality improvement, and other skills needed to practice in existing and emerging organized health care systems; (4) develop cultural competencies among nurses; (5) expanding the enrollment in baccalaureate nursing programs; (6) promoting career mobility for nursing personnel in a variety of training settings and cross training or specialty training among diverse population groups; or (7) providing education for information, including distance learning methodologies; or (8) other priority areas determined by the Secretary.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Eligible applicants for purposes one and five are schools of nursing. Eligible applicants for purposes two, three, four, six and seven are schools of nursing, nursing centers, academic health centers, State or local governments and other public or private nonprofit entities.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$10,561,898; FY 00 est \$10,968,000; and FY 01 est \$10,968,000.

Range and Average of Financial Assistance: The range is from \$30,145 to \$367,185; \$195,591.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Dr. Angela Martinelli, Division of Nursing, Bureau of Health Professions, Health Resources and Services Administration, Public Health Service, Department of Health and Human Services, 5600 Fishers Lane, Room 9-36, Rockville, MD 20857. Telephone: (301) 443-9964. Grants Management Contact: John R. Westcott, Grants Management

Officer, Bureau of Health Professions, Health Resources and Services
Administration, Public Health Service, Department of Health and Human
Services, Parklawn Building, Room 8C26, 5600 Fishers Lane, Rockville, MD
20857. Telephone: (301) 443-6880.

93.361 Nursing Research

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

The National Institute of Nursing Research supports clinical and basic research to establish a scientific basis for the care of individuals across the life span from management of patients during illness and recovery to the reduction of risks for disease and disability and the promotion of healthy lifestyles. According to its broad mandate, the Institute seeks to understand and ease the symptoms of acute and chronic illness, to prevent or delay the onset of disease or disability or slow its progression, to find effective approaches to achieving and sustaining good health, and to improve the clinical settings in which care is provided. The NINR's research extends to problems encountered by patients, families, and caregivers. It also emphasizes the special needs of at-risk and underserved populations. These efforts are crucial in translating scientific advances into cost-effective health care that does not compromise quality. NINR accomplishes its mission by supporting grants to universities and other research organizations as well as by conducting research intramural at laboratories in Bethesda, Maryland. The research fosters multi-disciplinary collaborations to ensure a comprehensive approach to research on illness and disabling conditions. This approach is especially relevant in research aimed at long-term care for the elderly, the special needs of women across the life span, bioethical issues related to genetic testing and counseling, biobehavioral aspects of managing the prevention and treatment of infectious diseases, and environmental influences on risk factors related to chronic illnesses. In addition, the Institute supports comprehensive research training programs to prepare individuals with requisite interdisciplinary skills to conduct nursing research. Small Business Innovation Research (SBIR) program: To expand and improve the SBIR program; to increase private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research and development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Centers Program: To promote interdisciplinary research, offer an environment for research

training and career development, and concentrate research through Core Centers for Nursing Research.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Research Grants: Any corporation, public or private institution or agency, or other legal entity, either nonprofit or for-profit, may apply. NRSAs (Individual): An applicant must be a registered professional nurse with either a baccalaureate and/or a master's degree in nursing or a related field and must be a citizen of the United States or lawfully admitted for permanent residence. Those on temporary or student visas are not eligible. NRSAs (Institutional): An eligible institution must be capable of providing predoctoral and/or postdoctoral research training opportunities for nurses. SBIR grants: can be awarded only to domestic small businesses (entities that are independently owned and operated for profit; are not dominant in the field in which research is being proposed; and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the United States or its possessions. To be eligible for funding, a grant application must be reviewed for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees) which "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: (Research Project Grants) FY 99 \$52,791,000; FY 00 est \$63,344,000; and FY 01 est \$68,518,000. (NRSAs) FY 99 \$5,115,000; FY 00 est \$6,636,000; and FY 01 est \$6,768,000.

Range and Average of Financial Assistance: Research Grants) \$65,525 to \$898,336; \$286,908. (NRSAs) \$10,059 to \$319,983; \$26,502.

INFORMATION CONTACTS:

Headquarters Office: Program Contract: For research in neurofunction such as pain, sleep, Alzheimer's disease, other brain disorders, and general acute care, contact Dr. Karin Helmers. Reproductive and infant health, including low birth weight infants and prenatal care, contact Dr. Karin Helmers. Immune and

infectious diseases, contact Dr. Hilary Sigmon. Cardiopulmonary, critical care, trauma, and transplantation issues, contact Dr. Hilary Sigmon. Long term care and chronic illnesses including arthritis, diabetes, and urinary incontinence, contact Dr. Nell Armstrong. Neoplastic diseases, human development, health and risk behaviors, and women's health issues, contact Dr. Janice Phillips. Address: National Institute of Nursing Research National Institutes of Health, Building 45, Room 3AN12, 45 Center Drive MSC 6300, Bethesda, MD 20892-6300. Telephone: (301) 594-6906. Grants Management Contact: Mr. Jeff Carow; Grants Management Officer, National Institute of Nursing Research, National Institutes of Health, Building 45, Room 3AN32, 45 Center Drive MSC 6301, Bethesda, MD 20892-6301. Telephone: (301) 594-6869. Use the same numbers for FTS.

93.364 Nursing Student Loans

(NSL)

FEDERAL AGENCY:

HEALTH RESOURCES AND SERVICES ADMINISTRATION,
DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To assist students in need of financial assistance to pursue a course of study in professional nursing education by providing long-term, low-interest loans, currently at the rate of 5 percent.

TYPES OF ASSISTANCE:

Direct Loans.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: All accredited public and nonprofit private schools of nursing that prepare students for practice as registered or graduate nurses, and that do not discriminate against students because of race, color, origin, sex, or handicapping conditions, are eligible to apply for funds to be disbursed to qualified nursing students.

FINANCIAL INFORMATION:

Obligations: (Federal Capital Contribution) FY 99 \$3,128,000; FY 00 est \$3,000,000; and FY 01 est \$3,000,000. Note: Although no annual appropriations may be enacted, this program operates using revolving funds.

Range and Average of Financial Assistance: The range is from \$500 to \$4,000; \$1,920.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Mary Farrington, Division of Student Assistance, Bureau of Health Professions, Health Resources and Services Administration, Public Health Service, Department of Health and Human Services, Parklawn Building, Room 8-34, 5600 Fishers Lane, Rockville, MD 20857. Telephone: (301) 443-4776. Use same number for FTS.

93.371 Biomedical Technology

(BTR, SIG, SBIR, STTR)

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

Biomedical Technology supports research, development and access to sophisticated technologies at resource centers nationwide which assist academic, nonprofit organizations in the development, use, and dissemination of innovative technologies useful for the advancement of biomedical science. Awards are provided under a variety of funding mechanisms composed of Biomedical Technology Resource (BTR) grants, Research Project Grants, Shared Instrumentation Grants (SIG) and other mechanisms, such as Exploratory Grants to develop new technologies for biomedical research, Small Business Innovation Research (SBIR) grants, and Small Business Technology Transfer (STTR) grants. Each national and regional biomedical resource serves five principal functions. Through the central activity, technological research and development, researchers either create a new technology or improve an existing one; experts at the resource work collaboratively with outside investigators to solve biomedical research problems; routine access service is provided to investigators from other institutions; training for investigators in the use of the new technology is provided; and research findings are disseminated through conferences, workshops and publications.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Biomedical Technology Resource Grants: Nonprofit health professional schools (whether or not a component of a university); other academic institutions (includes as a single eligible component, all schools, departments and free standing institutes of the institution, except the health professional schools); hospitals; State and local health agencies; and research organizations with programs in biomedical technology research located in the United States and its territories are eligible for Biomedical Technology Resource grants. SIG awards will be made to institutions only, not to individuals. Institutions may submit more than one application for different instrumentation each year. These institutions are eligible if during the previous fiscal year the institution was awarded a minimum of three allowable PHS biomedical or health-related behavioral research grants and/or cooperative agreements totaling at least \$200,000. To be eligible for funding, the principal investigator must be actively working in a high-technology field, and a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. SIG

Investigators must have a minimum of 3 NIH-funded research grants and the required instrument must cost no less than \$100,000 for a non-renewable 1-year period. This figure must include operational setup, maintenance, support personnel and service cost associated with the instrument.

FINANCIAL INFORMATION:

Obligations: (Grants) Biomedical Technology Resources: FY 99 \$86,904,000; FY 00 est \$93,339,000 and FY 01 est \$102,999,000. SIG: FY 99 \$34,238,000; FY 00 est \$44,433,000; and FY 01 est \$44,683,000. SBIR/STTR: FY 99 \$12,479,000; FY 00 est \$14,382,000; and FY 01 est \$15,246,000.

Range and Average of Financial Assistance: Biomedical Technology Resource grants: \$569,555 to \$2,253,697; \$1,089,984. A \$700,000 per year limit (direct costs) is now in effect for biomedical technology resource grants (excluding equipment). Research project grants: \$38,087 to \$674,742; \$219,388. SIG Awards: \$25,149 to \$400,000; \$246,316. SBIR/STTR: \$62,409 to \$509,373; \$191,984.

INFORMATION CONTACTS:

Headquarters Office: Program Contacts: Director, Biomedical Technology Telephone: (301) 435-0755. National Center for Research Resources, National Institutes of Health, Department of Health and Human Services, Bethesda, MD 20892. Grants Management Contact: Grants Management Officer, Office of Grants and Contract Management, National Center for Research Resources, National Institutes of Health, Department of Health and Human Services, Bethesda, MD 20892. Telephone: (301) 435-0844. Use the same numbers for FTS.

93.375 Minority Biomedical Research Support (MBRS)

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To increase the number of researchers who are members of minority groups that are underrepresented in the biomedical sciences, MBRS gives grants to educational institutions with substantial minority enrollments to support research by faculty members, strengthen the institutions' biomedical research capabilities, and provide opportunities for students and faculty development.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: (1) Two and 4-year colleges, universities, and health professional schools with 50 percent or more enrollment of minorities that have been determined by the grantee institution to be underrepresented in biomedical or behavioral research; (2) two and 4-year colleges with a student enrollment, a significant proportion of which (but not necessarily more than 50 percent) is derived from underrepresented minorities, provided the Secretary of the Department of Health and Human Services determines that said institution has demonstrated commitment to the special encouragement of, and assistance to, underrepresented minority faculty, students, and investigators; (3) Indian tribes that have a recognized governing body and perform substantial governmental functions; or (4) Alaskan Regional Corporations, as defined in the Alaska Native Claims Settlement Act (43 U.S.C. 1601 et. seq.).

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$50,888,000; FY 00 est \$71,405,000; and FY 01 est \$75,405,000.

Range and Average of Financial Assistance: The range is from \$75,000 to \$1,700,000 per year (for 3 to 4 years).

INFORMATION CONTACTS:

Headquarters Office: Branch Contact: Dr. Ernest Marquez, Chief, MBRS Branch, National Institute of General Medical Sciences, National Institutes of Health, 45 Center Drive MSC 6200, Bethesda, MD 20892-6200. Telephone: (301) 594-3900. Grants Management Contact: Ms. Carol Tippery, Chief Grants Management Officer, National Institute of General Medical Sciences, National

Institutes of Health, 45 Center Drive MSC 6200, Bethesda, MD 20892-6200.
Telephone: (301) 594-5135. Use the same numbers for FTS.

93.389 Research Infrastructure

(RCM1, RCRII, RIMI, Science Education Program, IDEA, Construction, Animal Facilities Improvement)

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND
HUMAN SERVICES

OBJECTIVES:

Research Infrastructure addresses the under representation of minority investigators; enhances the research environment at minority colleges and universities in the health sciences; broadens the geographic distribution of research grant funding to states with historically low NIH success rates; improves biomedical research facilities through matching grants for construction and renovation; facilitates collaboration between minority baccalaureate and masters degree granting institutions and research intensive universities; and improves pre-college science education and the public's understanding of science.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: RCM1: Institutions with more than 50 percent minority enrollment that award an M.D., D.D.S., D.V.M., or other doctoral degree in the health professions and/or a Ph.D. in the health-related sciences. This program is open only to institutions within the United States and its territories. RCRII: RCM1 eligible institutions affiliated with medical schools. RIMI: Institutions with nearly 50 percent minority enrollment that offer baccalaureate and/or masters degrees -- but not doctorates -- in health-related fields. Science Education Program: Public and private for-profit and nonprofit institutions, e.g., universities, colleges, professional organizations, school systems, scientific societies, science museums, research institutes, private foundations, and other organizations engaged in the conduct of, or concerned about, science education. IDeA: Domestic public and private for profit and nonprofit institutions in states in which the success rate for applications to the NIH has been historically low. COBRE: Independent biomedical research institutions or biomedical research institutions that award doctoral degree in the health sciences or sciences related to health within IDeA eligible States. Construction and Animal Facilities Improvement: Except where otherwise prohibited by law, any nonprofit organization competent to carry out biomedical research, e.g., universities, colleges, hospitals, public agencies and nonprofit research institutions.

FINANCIAL INFORMATION:

Obligations: (Grants) RCMI: FY 99 \$34,364,000; FY 00 est \$38,821,000; and FY 01 est \$41,325,000. Science Education Program: FY 99 \$6,321,000; FY 00 est \$15,130,000; and FY 01 est \$14,500,000. Construction: FY 99 \$29,734,000; FY 00 est \$72,500,000; and FY 01 est \$72,500,000. Animal Facilities Improvement: FY 99 \$6,618,000; FY 00 est \$7,817,000; and FY 01 est \$8,567,000. IDeA: FY 99 \$9,785,000; FY 00 est \$39,539,000; and FY 01 est \$40,035,000.

Range and Average of Financial Assistance: RCMI: \$298,545 to \$1,842,196; \$1,268,889. Direct Costs: Up to \$1,000,000 limit for core programs. Additional funds may be included for AIDS-related activities and other special initiatives. RCRII: \$1,025,420 to \$1,180,034; \$1,125,333. Science Education Program: \$86,1355 to \$307,133; \$224,738. Construction: \$535,879 to \$1,500,000; \$991,133. Animal Facilities Improvement: \$57,500 to \$700,000; \$384,716. IDeA: \$24,000 to \$400,000; \$148,258.

INFORMATION CONTACTS:

Headquarters Office: Contact: Director, Research Infrastructure, National Center for Research Resources, National Institutes of Health, Public Health Service, Department of Health and Human Services, Bethesda, MD 20892. Telephone: (301) 435-0788. Grants Management Contact: Grants Management Officer, Office of Grants and Contracts Management, National Center for Research Resources, National Institutes of Health, Department of Health and Human Services, Bethesda, MD 20892- 7965. Telephone: (301) 435-0844. Use the same numbers for FTS.

93.392 Cancer Construction

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To renovate existing cancer research facilities and build new cancer research facilities to meet basic and clinical space requirements, laboratory safety, biohazard containment, and animal care standards in order to support the facility demands of National Cancer Institute (NCI) research programs.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Any public or nonprofit agency, institution, organization, corporation, or association is eligible to apply for a grant for the construction of cancer research facilities, provided the institution's (1) Located in a State, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, American Samoa, the Trust Territory of the Pacific Islands, or Guam; (2) authorized by its governing body to apply for grants and to conduct cancer research and related activities; and (3) conducting NIH or NCI peer-reviewed cancer and/or cancer-related research. Examples include universities, colleges, hospitals, public agencies or nonprofit research institutions.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$958,000; FY 00 est \$2,000,000; and FY 01 est \$1,500,000.

Range and Average of Financial Assistance: The range is from \$958,100 to 958,100; 958,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Mr. Frank A. Battistello, Chief, Research Facilities Branch, Office of Centers, Training and Resources, Office of the Director, National Cancer Institute, National Institutes of Health, Department of Health and Human Services, 6120 Executive Boulevard, EPS 638, Bethesda, MD 20892 Telephone: (301) 496- 8534. Grants Management Contact: Leo F. Buscher, Jr., Grants Management Officer, National Cancer Institute, EPS-234 Bethesda, MD 20892. Telephone: (301) 496-7753. Use the same numbers for FTS.

93.393 Cancer Cause and Prevention Research

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To identify those factors that cause cancer in man; and to develop mechanisms for preventing cancer in man. The following research programs are included: epidemiology, chemical and physical carcinogenesis, biological carcinogenesis, nutrition, immunology, field studies and statistics, and organ site. Small Business Innovation Research (SBIR) program: To expand and improve the SBIR program; to increase private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development; and to foster and encourage participation on socially and economically disadvantaged small business concern and women-owned small business concern in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research and development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development and economically disadvantage small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: The awardee will be a university, college, hospital, public agency, nonprofit research institution or for-profit organization that submits an application and receives a grant or cooperative agreement for support of research by a named principal investigator. SBIR grants can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed, and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concern (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees) which "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern

and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant applicant must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$452,413,000; FY 00 est 472,927,000; and FY 01 est 452,849,000. For SBIR/STTR: FY 99 \$16,305,000; FY 00 est \$16,426,000; and FY 01 est \$16,944,000. .

Range and Average of Financial Assistance: Grants: From \$10,000 to \$4,115,617; \$356,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: For epidemiological and nutrition studies, field studies, and statistics; Dr. Iris O Abrams, Associate Director, Epidemiology and Genetics Research Program, Division of Cancer Control and Population Sciences, National Cancer Institute, National Institutes of Health, Public Health Service, Department of Health and Human Services, 6130 Executive Blvd., EPN 535, Bethesda, MD 20892. Telephone: (301) 496-9600.

93.394 Cancer Detection and Diagnosis Research

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To improve screening and early detection strategies and to develop accurate diagnostic techniques and methods for predicting the course of disease in cancer patients. Screening and Early Detection research includes development of strategies to decrease cancer mortality by finding tumors early when they are more amenable to treatment. Diagnosis research focuses on methods to determine the presence of a specific type of cancer and to predict its course and response to therapy. These methods include diagnostic imaging and direct analyses of tumor specimens. Small Business Innovation Research (SBIR) program: To expand and improve the SBIR program; to increase private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research and development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: The awardee will be a university, college, hospital, public agency, nonprofit research institution or organization, or a for-profit organization that submits an application and receives a grant or cooperative agreement for support of research by a named principal investigator. SBIR grants can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed, and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns

(entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees) which "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$128,082,000; FY 00 est \$143,895,000; and FY 01 est \$170,765,000. For SBIR/STTR: FY 99 \$16,690,000; FY 00 est \$21,856,000; and FY 01 est \$23,217,000.

Range and Average of Financial Assistance: Grants: From \$51,251 to \$2,441,974; \$312,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Dr. Sheila E. Taube, Associate Director, Cancer Diagnosis Program, Division of Cancer Treatment, Diagnosis, and Centers, National Cancer Institute, National Institutes of Health, Department of Health and Human Services, 6130 Executive Boulevard, EPN-700 Bethesda, MD 20892. Telephone: (301) 496- 8639. Grants Management Contact: Leo F. Buscher, Jr., Grants Management Officer, National Cancer Institute, National Institutes of Health, Department of Health and Human Services, EPS-234, Bethesda, MD 20892. Telephone: (301) 496-7753. Use the same numbers for FTS.

93.395 Cancer Treatment Research

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To develop the means to cure as many cancer patients as possible and to control the disease in those patients who are not cured. Cancer Treatment Research includes the development and evaluation of improved methods of cancer treatment through the support and performance of both fundamental and applied laboratory and clinical research. Research is supported in the discovery, development, and clinical testing of all modes of therapy including: surgery, radiotherapy, chemotherapy, and biological therapy, both individually and in combination. In addition, research is carried out in areas of nutritional support, stem cell and bone marrow transplantation, studies to reduce toxicity of cytotoxic therapies, and other methods of supportive care that may supplement and enhance primary treatment. Small Business Innovation Research (SBIR) program: To expand and improve the SBIR program; to increase private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research and development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: The awardee will be a university, college, hospital, public agency, nonprofit research institution, or for-profit organization that submits an application and receives a grant or cooperative agreement for support of research by a named principal investigator. SBIR grants can be awarded only to domestic small businesses (entities that are independently owned, and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must

be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees) which "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$347,823,000; FY 00 est \$401,869,000; and FY 01 est \$455,829,000. For SBIR/STTR: FY 99 \$20,452,000; FY 00 est \$26,709,000; and FY 01 est \$27,079,000.

Range and Average of Financial Assistance: The range is from \$24,767 to \$7,194,856; \$342,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Dr. Robert E. Wittes, Director, and Dr. Ellen Feigal, Deputy Director, Division of Cancer Treatment and Diagnosis, National Cancer Institute, National Institutes of Health, Department of Health and Human Services, 9000 Rockville Pike, Building 31/3A44, Bethesda, MD 20892, Telephone (301) 496-4291. Grants Management Contact: Leo F. Buscher, Jr., Grants Management Officer, National Cancer Institute, National Institutes of Health, Department of Health and Human Services, EPS-234, Bethesda, MD 20892, Telephone (301) 496-7753. Use the same numbers for FTS.

93.396 Cancer Biology Research

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To provide fundamental information on the cause and nature of cancer in man, with the expectation that this will result in better methods of prevention, detection and diagnosis, and treatment of neoplastic diseases. Cancer Biology Research includes the following research programs: nutrition, tumor biology, genetics and immunology. Small Business Innovation Research (SBIR) program: To expand and improve the SBIR program; to increase private sector commercialization of innovations derived from Federal participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research and development carried out between small business concerns and research institutions; to foster technology transfer increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: The awardee will be a university, college, hospital, public agency, nonprofit research institution or for-profit organization that submits an application and receives a grant for support of research by a named principal investigator. SBIR grants can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees which "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the

research institution. In both Phase I and Phase II, the research must be performed in U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$369,855,000; FY 00 est \$420,121,000; and FY 01 est \$473,424,000. SBIR/STTR: FY 99 \$4,471,000; FY 00 est \$3,987,000; and FY 01 est \$4,097,000.

Range and Average of Financial Assistance: Grants: From \$35,037 to \$2,420,583; \$272,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Dr. John A. Sogn, Acting Deputy Director, Division of Cancer Biology, National Cancer Institute, National Institutes of Health, Public Health Service, Department of Health and Human Services, 6130 Executive Boulevard, EPN-500, Bethesda, MD 20892. Telephone: (301) 435-5225. Grants Management Contact: Leo F. Buscher, Jr., Grants Management Officer, National Cancer Institute, National Institutes of Health, Public Health Service, Department of Health and Human Services, EPS-234, Bethesda, MD 20892. Telephone: (301)496-7753. Use the same numbers for FTS.

93.397 Cancer Centers Support Grants

(CCSG)

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To provide an organizational focus and stimulus for the highest quality cancer research that effectively promotes interdisciplinary cancer research aimed toward the ultimate goal of reducing cancer incidence, mortality and morbidity. The Cancer Center Support Grant (CCSG) provides the resources and infrastructure to facilitate the coordination of interdisciplinary programs across a broad spectrum of research from basic laboratory research to clinical investigation to population science. The CCSG supports salaries for scientific leadership of the Center, shared resources which are used by the research projects of the Center, certain administrative costs, planning and evaluation, and developmental funds for new recruitments and feasibility studies.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Any nonprofit institution within the United States with a peer-reviewed cancer research base of 3.0 million dollars in direct costs may apply for a Cancer Center Support Grant.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$153,156,000; FY 00 est \$172,012,000; and FY 01 est \$182,216,000.

Range and Average of Financial Assistance: The range is from \$30,000 to \$6,756,815; \$2,477,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Dr. Margaret Holmes, Chief, Cancer Centers Branch, Office of Centers, Training and Resources, National Institutes of Health, Department of Health and Human Services, 6116 Executive Boulevard, Suite 700, Bethesda, MD 20892. Telephone: (301) 496-8531. Grants Management Contact: Leo F. Buscher, Jr., Grant Management Officer, National Cancer Institute, National Institutes of Health, Department of Health and Human Services, EPS 234, Bethesda, MD 20892. Telephone: (301) 496-7753. Use the same numbers for FTS.

93.398 Cancer Research Manpower

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To make available support to nonprofit and for-profit institutions interested in providing biomedical training opportunities for individuals interested in careers in basic, clinical, and prevention research important to the National Cancer Program.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: University, college, hospital, public agency, or nonprofit research institution for institutional grants and individuals for fellowships. The applicant institution must be able to provide the staff and facilities and be responsible for the selection of trainees and overall direction of the training. Selected awardees must be citizens of the United States or be admitted to the United States for permanent residency. Career and Cancer Education awards may be given to for-profit institutions.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$104,730,000; FY 00 est \$127,383,000 and FY 01 est \$129,949,000.

Range and Average of Financial Assistance: The range is from \$12,317 to \$860,490; \$139,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Dr. Brian W. Kimes, Acting Chief, Cancer Training Branch, Division of Cancer Treatment, Diagnosis, and Centers, National Cancer Institute, National Institutes of Health, Public Health Service, Department of Health and Human Services, 6130 Executive Boulevard, EPN-520, Bethesda, MD 20892. Telephone: (301) 496- 8580. Grants Management Contact: Leo F. Buscher, Jr., Grants Management Officer, National Cancer Institute, National Institutes of Health, Public Health Service, Department of Health and Human Services, EPS-234, Bethesda, MD 20892. Telephone: (301) 496-7753. Use the same numbers for FTS.

93.399 Cancer Control

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To reduce cancer incidence, morbidity, and mortality through an orderly sequence from research on interventions and their impact in defined populations to the broad, systematic application of the research results. Primary emphasis is on the inclusion of a cancer control intervention in any proposed study. Cancer Control research studies are classified into one of five phases that represent the orderly progression noted in the definition: (1) Hypothesis development; (2) methods development and testing; (3) controlled intervention trials to establish cause-and-effect relationships; (4) research in defined populations; and (5) demonstration and implementation studies. Primary interest is in research on cancer control interventions in Phases 2 through 5. Cancer Control programs include those in the following areas: (1) Chemoprevention; (2) nutrition and diet; (3) screening and early detection; (4) biological markers; (5) community oncology, and rehabilitation and pain management; (6) special populations research; (7) public health applications; (8) biobehavioral mechanisms; and (9) surveillance research. Small Business Innovation Research (SBIR) program: To expand and improve the SBIR program; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research and development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: The awardee will be a university, college, hospital, public agency, nonprofit research institution or for-profit organization that submits an application and receives a grant or cooperative agreement for support of research by a named principal investigator. SBIR grants can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed, and have no more than 500 employees). Primary employment (more than one-half time) of the

principle investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees) which "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$110,866,000; FY 00 est \$144,278,000; and FY 01 est \$148,462,000.

Range and Average of Financial Assistance: The range is from \$15,100 to \$6,573,578; \$634,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contacts: For chemoprevention, nutrition and diet, screening and early detection, community oncology and rehabilitation and pain management, Dr. Barnett S. Kramer, Deputy Director, Division of Cancer Prevention, National Cancer Institute, National Institutes of Health, Public Health Service, Department of Health and Human Services, 9000 Rockville Pike, Building 31/10A49, Bethesda, MD 20892. Telephone: (301) 496-9569. For public health applications, biobehavioral mechanisms, special populations, and surveillance, Dr. Barbara Rimer, Director, Division of Cancer Control and Population Science, National Cancer Institute, National Institutes of Health, Public Health Service, Department of Health and Human Services, 6130 Executive Boulevard, EPN 242, Rockville, MD 20892. Telephone: (301) 594-6756. Grants Management Contact: Leo F. Buscher, Jr., Grants Management Officer, National Cancer Institute, National Institutes of Health, Public Health Service, Department of Health and Human Services, EPS-234, Bethesda, MD 20892. Telephone: (301) 496-7753. Use the same numbers for FTS.

93.604 Assistance to Torture Victims

(Torture Victims)

FEDERAL AGENCY:

ADMINISTRATION FOR CHILDREN AND FAMILIES, DEPARTMENT OF
HEALTH AND HUMAN SERVICES

OBJECTIVES:

To provide services and rehabilitation for victims of torture, with a special emphasis on timely and appropriate services to asylum applicants entering the United State that have been recent victims of torture. Office of Refugee Resettlement (ORR) will provide a comprehensive program of support for domestic centers and programs for victims of torture.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Eligible applicants are public or private organizations and institutions.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$0; FY 00 est \$7,265,000; and FY 01 est \$9,765,000.

Range and Average of Financial Assistance: ORR anticipates approving 10 to 15 grants in the amount of \$500,000 to \$750,000 and making a technical assistance grant of approximately \$300,000.

INFORMATION CONTACTS:

Headquarters Office: For information, contact Marta Brenden, Office of Refugee Resettlement, Administration for Children and Families, Department of Health and Human Services, 6th Floor East, 370 L'Enfant Promenade, SW., Washington, DC 20447. Telephone: (202) 205-3589; FAX (202) 401-0981.

93.822 Health Careers Opportunity Program

FEDERAL AGENCY:

HEALTH RESOURCES AND SERVICES ADMINISTRATION,
DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

The HCOP program strives to develop a more competitive applicant pool to build diversity in the health professions. The program's goal is to provide students from disadvantaged backgrounds an opportunity to develop the skills needed to successfully compete, enter, and graduate from health professions schools, allied health professions schools, graduate programs in behavioral and mental health, and programs for the training of physician assistants.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Eligible applicants include accredited schools of medicine, osteopathic medicine, public health, dentistry, veterinary medicine, optometry, pharmacy, allied health, chiropractic, podiatric medicine, public and nonprofit private schools that offer graduate programs in behavioral and mental health, programs for the training of physician assistants, and other public or private nonprofit health or educational entities.

FINANCIAL INFORMATION:

Obligations: FY 99 \$28,169,973; FY 00 est \$27,799,000; and FY 01 est \$32,799,000.

Range and Average of Financial Assistance: From \$52,912 to \$698,023; \$238,869.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: CAPT Richard C. Vause, Jr. PA-C, Chief, Program Coordination Branch, Division of Disadvantaged Assistance, Bureau of Health Professions, Health Resources and Services Administration, U.S. Public Health Service, Department of Health and Human Services, Room 8A-09, 5600 Fishers Lane, Rockville, MD 20857. Telephone: (301) 443-2100. Grants Management Contact: Ms. Wilma Johnson, Grants Management Officer, Bureau of Health Professions, Health Resources and Services Administration, Department of Health and Human Services, Parklawn Building, Room 8C-26, 5600 Fishers Lane, Rockville, MD 20857. Telephone: (301) 443-6880.

93.837 Heart and Vascular Diseases Research

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To foster research and prevention, education, and control activities related to heart and vascular diseases and to develop young scientist investigators in these areas. Small Business Innovation Research (SBIR) program: To expand and improve the SBIR program; to increase private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research and development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Any nonprofit organization engaged in biomedical research and institutions or companies organized for profit may apply for grants with the exception of NRSA's. An individual may apply for a NRSA or, in some cases, for a research grant if adequate facilities to perform the research are available. SBIR grants can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is being proposed, and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the U.S. or its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees) that "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In

both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$768,655,000; FY 00 est \$899,601,000; and FY 01 est \$944,671,000.

Range and Average of Financial Assistance: Grants: \$5,629 to \$3,264,308; \$325,426. Small Business Innovation Research/Small Business Technology Awards: Phase I - \$100,000; Phase II - up to \$500,000 for STTR and up to \$750,000 for SBIR.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Dr. Stephen Mockrin, Deputy Director, Division of Heart and Vascular Diseases, National Heart, Lung, and Blood Institute, National Institutes of Health, Department of Health and Human Services, Bethesda, MD 20892. Telephone: (301) 435-0477. SBIR Program: Deputy Director, Division of Extramural Affairs, National Heart, Lung, and Blood Institute, National Institutes of Health, Department of Health and Human Services, Bethesda, MD 20892. Telephone: (301) 435-0266. Grants Management Contact: Ms. Marie Willett, Acting Grants Management Officer, Grants Operations Branch, Office of Program Policy and Procedures, National Heart, Lung, and Blood Institute, National Institutes of Health, Department of Health and Human Services, Bethesda, MD 20892. Telephone: (301) 435-0144. Use the same numbers for FTS.

93.838 Lung Diseases Research

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To use available knowledge and technology to solve specific disease problems of the lungs; to promote further studies on the structure and function of the lung; and to achieve improvement in the prevention and treatment of lung diseases. Small Business Innovation Research (SBIR) program: To expand and improve the SBIR program; to increase private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research and development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Any nonprofit organization engaged in biomedical research, as well as institutions or companies organized for profit, may apply for grants with the exception of NRSAs. An individual may apply for a NRSA or, in some cases, may qualify for a research grant if adequate facilities in which to perform the research are available. SBIR grants can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees) which "partner" with a research institution in cooperative research and development. At least 40 percent of the

project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$306,225,000; FY 00 est \$357,426,000; and FY 01 est \$380,998,000.

Range and Average of Financial Assistance: The range is from \$4,000 to \$1,977,067; \$315,371. Small Business Innovation Research/Small Business Technology Awards: Phase I - \$100,000; Phase II - up to \$500,000 for STTR and up to \$750,000 for SBIR.

INFORMATION CONTACTS:

Headquarters Office: Program Contacts: Director, Division of Lung Diseases, National Heart, Lung, and Blood Institute, National Institutes of Health, Public Health Service, Department of Health and Human Services, Bethesda, MD 20892, Telephone (301) 435-0233. Small Business Innovation Research Program: Deputy Director, Division of Extramural Affairs, National Heart, Lung, and Blood Institute, National Institutes of Health, Public Health Service, Department of Health and Human Services, Bethesda, MD 20892. Telephone: (301) 435-0266. Grants Management. Contact: Mr. William Darby, Grants Management Officer, Grants Operations Branch, Office of Program Policy and Procedures, National Heart, Lung and Blood Institute, National Institutes of Health, Public Health Service, Department of Health and Human Services, Bethesda, MD 20892. Telephone: (301) 435-0144. Use the same numbers for FTS.

93.839 Blood Diseases and Resources Research

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To foster research for the prevention and improved diagnosis and treatment of blood diseases; to promote research for improving the availability, safety, and use of blood and blood products; and to develop new scientists for blood disease and resources research. Small Business Innovation Research (SBIR) program: To expand and improve the SBIR program; to increase private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Any nonprofit organization engaged in biomedical research and institutions (or companies) organized for profit may apply for grants, with the exception of NRSAs. An individual may apply for a NRSA or, in some cases, may qualify for a research grant if adequate facilities in which to perform the research are available. SBIR grants can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed, and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees which "partner" with a research

institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$241,830,000; FY 00 est \$281,188,000; and FY 01 est \$303,249,000.

Range and Average of Financial Assistance: The range is from \$4,000 to \$2,029,299; \$368,082. Small Business Innovation Research/Small Business Technology Awards: Phase I - \$100,000; Phase II - up to \$500,000 for STTR and up to \$750,000 for SBIR.

INFORMATION CONTACTS:

Headquarters Office: Program Contacts: Director, Division of Blood Diseases and Resources, National Heart, Lung, and Blood Institute, National Institutes of Health, Public Health Service, Department of Health and Human Services, Bethesda, MD 20892. Telephone: (301) 435- 0080. Small Business Innovation Research Program: Deputy Director, Division of Extramural Affairs, National Heart, Lung, and Blood Institute, National Institutes of Health, Public Health Service, Department of Health and Human Services, Bethesda, MD 20892. Telephone: (301) 435-0266. Grants Management Contact: Mr. William Darby, Grants Management Officer, Grants Operations Branch, National Heart, Lung, and Blood Institute, National Institutes of Health, Public Health Service, Department of Health and Human Services, Bethesda, MD 20892. Telephone: (301) 435-0144. Use the same numbers for FTS.

93.846 Arthritis, Musculoskeletal and Skin Diseases Research

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To support research relevant to arthritis, musculoskeletal and skin diseases, the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) supports research training and basic and clinical investigations including epidemiology and clinical trials in each of the following program areas: The Arthritis Program supports research related to all forms of arthritis including rheumatoid arthritis, systemic connective tissue diseases, osteoarthritis, and metabolic and infectious types of arthritis. The Muscle Biology Program supports research on basic aspects of muscle physiology and disease and exercise physiology. The Musculoskeletal Diseases Program supports research relating to orthopaedic problems, osteoarthritis, bone diseases and bone metabolism, most specifically Osteoporosis and Paget's Disease, heritable disorders of connective tissue, and programs relating to the affects of mechanical forces on musculoskeletal disease, as well as exercise and sports medicine. The Skin Diseases Program supports all forms of research on skin diseases, in particular diseases of keratin, pigmentation, basement membranes, and heritable disorders. The Centers Program supports large programs in arthritis and musculoskeletal and skin diseases. Small Business Innovation Research (SBIR) program: To expand and improve the SBIR program; to increase private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research and development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Research grants: Individuals and public and private institutions, both nonprofit and for-profit, who propose to establish, expand, and improve research activities in health sciences and related fields. National Research Service Awards: Individuals must be nominated and sponsored by a

public or private, for-profit or nonprofit institution having staff and facilities appropriate to the proposed research training program. All awardees must be citizens or have been admitted to the United States for permanent residence. To be eligible, predoctoral awardees must have completed the baccalaureate degree and postdoctoral awardees must have a professional or scientific degree (M.D., Ph.D., D.D.S., D.O., D.V.M., Sc.D., D. Eng., or equivalent domestic or foreign degree). Nonprofit domestic organizations may apply for the Institutional National Research Service grant. Small Business Innovation Research grants can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed, and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the U.S. or its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees) which "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: Research Grants: FY 99 \$247,400,000; FY 00 est \$281,865,000; and FY 01 est \$296,308,000. National Research Service Awards (NRSAs): FY 99 \$9,232,000; FY 00 est \$10,218,000; and FY 01 est \$10,443,000.

Range and Average of Financial Assistance: Research Grants: \$10,000 to \$1,500,000; \$256,000. National Research Service Awards: \$15,000 to \$235,800; \$86,000. SBIR/STTR: Phase I awards - approximately \$100,000; Phase II awards - up to \$500,000 for STTR and up to \$750,000 for SBIR.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Research Grants: Dr. S. Hausman, Director, Extramural Program, National Institute of Arthritis and Musculoskeletal and Skin Diseases, Public Health Service, Department of Health and Human Services, NIAMS, Extramural Program, National Institutes of Health, Natcher Building, Room 5AS-13F, 45 Center Drive, MSC 6500, Bethesda, MD 20892-6500. Telephone: (301) 594-2463. Small Business Innovation Research Grants and Grants Management Contact: Ms. Sally Nichols, Grants Management Officer, Extramural Program, National Institute of Arthritis and Musculoskeletal and Skin Diseases, National Institutes of Health, Public Health Service, Department of

Health and Human Services, NIAMS, Extramural Program, Natcher Building,
Room 5AS- 49F, 45 Center Drive, MSC 6500, Bethesda, MD 20892. Telephone:
(301) 594-3535. Use the same numbers for FTS.

93.847 Diabetes, Endocrinology and Metabolism Research

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To encourage basic and clinical biomedical research and research training for a greater understanding of diabetes and the underlying mechanisms that cause diabetes and related complications. Fundamental and clinical studies include the etiology, pathogenesis, prevention, diagnosis and treatment of diabetes mellitus and its complications. In endocrine research, to encourage biomedical research for a greater understanding of the normal and abnormal function of the pituitary, thyroid, parathyroid, adrenal, pineal, thymus glands, as well as the action of hormones, hormone biosynthesis, secretion, metabolism, binding to protein carriers and subsequent release, and the kinetics of binding. In metabolic research, to encourage basic studies on fundamental metabolic processes of diseases such as membrane structure, function, and transport phenomena enzyme biosynthesis; and basic and clinical studies on the etiology, pathogenesis, prevention, and treatment of inherited metabolic disorders (such as cystic fibrosis as an example to support extramural basic laboratory research and clinical investigations and provide postdoctoral biomedical research training for individuals interested in careers in health sciences and fields related to these programs. Small Business Innovation Research (SBIR) program: To expand and improve the SBIR program; To increase private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research and development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Research grants: Individuals and public and private institutions, both nonprofit and for-profit, who propose to establish, expand, and improve research activities in health sciences and related fields. National Research Service Awards: Individuals must be nominated and sponsored by a

public or nonprofit private institution having staff and facilities appropriate to the proposed research training program. All awardees must be citizens or have been admitted to the United States for permanent residence. To be eligible, predoctoral awardees must have completed the baccalaureate degree and postdoctoral awardees must have a professional or scientific degree (M.D., Ph.D., D.D.S., D.O., D.V.M., Sc.D., D.Eng., or equivalent domestic or foreign degree). Nonprofit domestic organizations may apply for the Institutional National Research Service grant. Small Business Innovation Research grants can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed, and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the U.S. or its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees which "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$360,917,000; FY 00 est \$417,810,000; and FY 01 est \$445,358,000. (NRSAs) FY 99 \$15,601,000; FY 00 est \$15,878,000; and FY 01 est \$16,227,000.

Range and Average of Financial Assistance: Research Grants: \$16,600 to \$2,098,000; \$180,100. National Research Service Awards: \$3,000 to \$263,700; \$61,600. SBIR: Phase I awards approximately \$50,000; Phase II awards not to exceed \$500,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Research Grants: Dr. Richard Eastman, Director, Division of Diabetes, Endocrinology, and Metabolic Diseases, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, 31 Center Drive, MSC 2560, Bethesda, MD 20892-2560. Telephone: (301) 496-7348. Small Business Innovation Research Grants Contact: Mr. John Garthune, Special Assistant for Grants Analysis and Control, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, 31 Center Drive, MSC 2560, Bethesda, MD 20892-2560. Telephone: (301) 594-8842. Grants Management Contact: Ms. Nancy Dixon, Chief Grants Management

Officer, Division of Extramural Activities, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, 45 Center Drive, MSC 6600, Bethesda, MD 20892- 6600. Telephone: (301) 594-8854. Use the same numbers for FTS.

93.848 Digestive Diseases and Nutrition Research

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To encourage basic and clinical biomedical research and research training for a greater understanding of the basic and clinical studies on normal abnormal function of the enteric nervous system, on gastrointestinal hormones and peptides including their structure, biological actions, receptors, release and correlation with physiological events. Other studies include the action of drugs on gastrointestinal motility, intestinal obstruction, the biochemistry of contractile processes and diseases such as irritable bowel syndrome, colonic diverticular disease, swallowing disorder, and gastro esophageal reflux as well as studies on the process of food digestion in the gastrointestinal tract; the assembly of digestive enzymes; the growth and differentiation of gastrointestinal cells in normal and disease states; and studies on gastrointestinal diseases such as maldigestion and malabsorption syndromes, celiac sprue, diarrhea, inflammatory bowel disease, and gastric and duodenal ulcers. To encourage biomedical research and research training for a greater understanding of the normal function and the diseases of the liver and biliary tract including factors leading to liver cell injury, fibrosis, and death; basic and applied studies on liver transplantation; metabolism of bile acids and bilirubin; and factors controlling cholesterol levels in bile as well as disease research on inborn errors in bile metabolism hepatitis, and various liver diseases such as Wilson's disease, primary biliary cirrhosis, and others. To encourage biomedical research on the structure, function, and diseases of the exocrine pancreas. To encourage biomedical research and research training in obesity, anorexia, bulimia and other eating disorders, the metabolism of nutrients and other dietary components at the organ, cellular and subcellular levels in normal and diseased states. To extramurally support basic laboratory research and clinical investigations and provide postdoctoral biomedical research training for individuals interested in careers in health sciences and fields related to these programs. Small Business Innovation Research (SBIR) program To expand and improve the SBIR Program; to increase private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research and development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage

participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Research grants: individuals and public and private institutions, both nonprofit and for-profit, who propose to establish, expand, and improve research activities in health sciences and related fields. National Research Service Awards: Individual National Research Service awardees must be nominated and sponsored by a public or nonprofit private institution having staff and facilities appropriate to the proposed research training program. All awardees must be citizens or have been admitted to the United States for permanent residence. To be eligible, predoctoral awardees must have completed the baccalaureate degree and postdoctoral awardees must have a professional or scientific degree (M.D., Ph.D., D.D.S., D.O., D.V.M., Sc.D., D. Eng., or equivalent domestic or foreign degree). Nonprofit domestic organizations may apply for the Institutional National Research Service grant. Small Business Innovation Research grants can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed, and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which researches proposed and have no more than 500 employees) which "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$202,658,000; FY 00 est \$234,604,000; and FY 01 est \$250,072,000. NRSA's FY 99 \$10,944,000; FY 00 est \$11,139,000; and FY 01 est \$11,384,000.

Range and Average of Financial Assistance: Research grants: \$26,547 to \$1,438,500; \$164,900. National Research Services Awards: \$19,000 to \$214,500; \$71,775. SBIR: Phase I, approximately \$50,000; Phase II, not to exceed \$500,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Research Grants: Dr. Jay Hoofnagle, Director, Division of Digestive Diseases and Nutrition, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, 31 Center Drive MSC 2560, Bethesda, MD 20892-2560. Telephone: (301) 496-1333. Small Business Innovation Research Grants Contact: Mr. John Garthune, Special Assistant Director for Grants Analysis and Control, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, 31 Center Drive MSC 2560, Bethesda, MD 20892-2560. Telephone: (301) 594-8842. Grants Management Contact: Ms. Nancy Dixon, Chief Grants Management Officer, Division of Extramural Activities, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, 45 Center Drive MSC 6600, Bethesda, MD 20892-6600. Telephone: (301) 594-8854. Use the same numbers for FTS.

93.849 Kidney Diseases, Urology and Hematology Research

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To encourage basic and clinical biomedical research and research training for a greater understanding of the basic mechanisms underlying biologic processes and diseases in the nephrologic, urologic, and hematologic systems. These include studies on immune mechanisms of kidney disease; effects of drugs, nephrotoxins and environmental toxins on the kidney; and the structure and function of the kidney such as metabolism, structure and function of the kidney such as metabolism, transport, and fluid-electrolyte dynamics. Of special interest, is the pathophysiology of chronic renal failure and endstage renal disease as well as renal transplantation and maintenance dialysis therapies (hemodialysis and peritoneal dialysis as examples). In urology research to encourage biomedical research in lower urinary tract physiology and pathophysiology, including neuromuscular, mechanisms, i.e., bladder dysfunction, incontinence, pyelonephritis, interstitial cystitis, benign prostatic hyperplasia, and vesicoureteral and renal reflux. In hematologic research, to encourage biomedical research in the etiology, pathogenesis, and therapeutic modalities of the anemias of chronic renal failure and other chronic diseases; bone marrow transplantation; erythropoietin involvement in regulation of stem cell differentiation; metabolism of iron overload and deficiency; and the structure, biosynthesis and genetic regulation of hemoglobin. To extramurally support basic laboratory research and clinical investigations and provide postdoctoral biomedical research training for individuals interested in careers in health sciences and fields related to these programs. Small Businesses Innovation Research (SBIR) program: to expand and improve the SBIR Program; to increase private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program; to stimulate and foster scientific and technological innovation through cooperative research and development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Research grants: Individuals and public and private institutions, both nonprofit and for-profit, who propose to establish, expand, and improve research activities in health sciences and related fields. National Research Service Awards: Individuals must be nominated and sponsored by a public or nonprofit private institution having staff and facilities appropriate to the proposed research training program. All awardees must be citizens or have been admitted to the United States for permanent residence. To be eligible, predoctoral awardees must have completed the baccalaureate degree and postdoctoral awardees must have a professional or scientific degree (M.D., Ph.D., D.D.S., D.O., D.V.M., Sc.D., D. Eng., or equivalent domestic or foreign degree). Nonprofit domestic organizations may apply for the Institutional National Research Service grant. Small Business Innovation Research grants can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed, and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which researches proposed and have no more than 500 employees) which "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$231,047,000; FY 00 est \$267,469,000; and FY 01 est \$285,104,000. (NRSAs) FY 99 \$9,406,000; FY 00 est \$9,573,000; and FY 01 est \$9,783,000.

Range and Average of Financial Assistance: Research grants: \$15,000 to \$1,647,000; \$171,000. National Research Services Awards: \$9,168 to \$220,160; \$73,720. SBIR Phase I, approximately \$50,000; Phase II, not to exceed \$500,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Dr. Josephine Briggs, Director, Division of Kidney, Urologic and Hematologic Diseases, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Department of Health and Human Services, 31 Center Drive MSC 2560, Bethesda, MD 20892-

2560. Telephone: (301) 496- 6325. Small Business Innovation Research Grants Contact: Mr. John Garthune, Special Assistant for Grants Analysis and Control, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Department of Health and Human Services, 31 Center Drive MSC 2560, Bethesda, MD 20892-2560. Telephone: (301)594-8842. Grants Management Contact: Ms. Nancy Dixon, Chief Grants Management Officer, Division of Extramural Activities, National Institute of Diabetes and Digestive and Kidney Diseases, National Institute of Health, 45 Center Drive MSC 6600, Bethesda, MD 20892-6600. Telephone: (301)594-8854. Use the same numbers for FTS.

93.853 Extramural Research Programs in the Neurosciences and Neurological Disorders

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To support extramural research within the National Institute of Neurological Disorders and Stroke (NINDS) including: (1) Neurological science basic research that explores the fundamental structure and function of the brain and the nervous system; (2) research to understand the causes and origins of pathological conditions of the nervous system with the goal of prevention of these disorders; (3) research on the natural course of neurological disorders; (4) research training in the basic neurological sciences; and 5) research on mechanisms associated with stroke and other cerebrovascular disorders, effects of trauma to the nervous system, neuroplasticity and regeneration, and tumors of neural and sensory tissues. (6) improved methods of disease prevention; (7) new methods of diagnosis and treatment; (8) clinical trials; (9) drug development; (10) development of neural prostheses for stroke and paraplegia; (11) epidemiological research; and (12) research training in the clinical neurosciences. Extramural research is supported in programmatic areas within this Institute such as research on stroke, traumatic injury to the brain and nervous system, including traumatic brain and spinal cord injury, on neurodegenerative disorders, including Parkinson's disease, Alzheimer's disease, on brain tumors and on the development of artificial prosthetic devices to restore function to the damaged nervous system, on convulsive disorders, including epilepsy, infectious disorders of the brain and nervous system, including AIDS, immune disorders of the brain and nervous system, including multiple sclerosis, disorders related to sleep, and pain. Programmatic areas also include neurodevelopment repair and plasticity, synapses and circuits, neurogenetics, neurodegeneration, neural environment, and systems and cognitive neuroscience. Extramural research is also supported by the Office of Special Programs in Neuroscience. To expand and improve the Small Business Innovation Research (SBIR) program; to increase private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. To utilize Small Business Technology Transfer (STTR) program; to stimulate and foster scientific and technological innovation through cooperative research and development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially

and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. The NINDS also participates in the Academic Research Enhancement Award (AREA) Program, which is intended to provide research support to institutions currently having little National Institutes of Health (NIH) support.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Research Grants: Any public, private, nonprofit, or for-profit institution is eligible to apply. For-profit institutions are not eligible for Institutional National Research Service Awards but are eligible for Individual NRSA's. All proposals are reviewed for scientific merit, for evaluation of the qualifications of the investigators, for adequacy of the research environment, and for significance of the problem. Approved proposals compete for available funds. All Career Development Program awardees must be citizens or have been admitted to the United States for permanent residence. Candidates must be nominated for the program by a nonfederal public or private nonprofit institution located in the United States, its possessions or territories. Awardees for RENS must have been accepted by a sponsoring institution, had previous training and experience in neurological science, an interruption in their careers for a period of at least three years and not more than 8 years, and be citizens or non-citizen nationals of the United States. Awardees for the Ernest Everett Just Award must be nominated for the program by an historically Black college or university, must have doctoral degree in basic or clinical science and at least one year of postdoctoral experience in a faculty or research position, and must be citizens or non-citizen nationals of the United States. Awardees for the Collaborative Neurological Sciences Award must be from a predominantly minority institution and must have a doctoral degree in a basic or clinical science area. To be eligible, postdoctoral NRSA trainees or fellows must have a professional or scientific degree (M.D., Ph.D., D.D.S., D.O., D.V.M., Sc.D., D. Eng., or equivalent domestic or foreign degree). SBIR grants can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed, and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the entire research must be performed in the United States. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees) which "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be

performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: (Extramural Research) FY 99 \$779,597,000; FY 00 est \$901,961,000; and FY 01 est \$950,434,000.

Range and Average of Financial Assistance: Research grants: \$17,000 to \$5,800,000; \$400,000. Career Program - Clinical Investigator Development Awards: \$13,300 to \$115,000; \$101,600. Research Career Development Awards: \$33,100 to \$133,100; \$86,300. National Research Service Awards - Institutional: \$43,600 to \$334,600; \$155,800; Individual: \$20,000 to \$37,012; \$29,200. SBIR: Phase I approximately \$100,000; Phase II not to exceed \$750,000. STTR: Phase I approximately \$100,000; Phase II not to exceed \$500,000. (The SBIR and STTR dollars are guidelines, not limits.) the 93.854 Range and Average of Financial Assistance: Research Grants: \$21,000 to \$1,400,000; \$218,000. Research Career Development Awards: \$21,800 to \$127,000; \$95,000; National Research Service Awards - Institutional: \$26,000 to \$238,000; \$133,000. Individual: \$25,000 to \$37,012; \$29,000. SBIR: Phase I - approximately \$100,000; Phase II - approximately \$750,000. STTR: Phase I - approximately \$100,000; Phase II - approximately \$500,000. (The SBIR and STTR dollars are guidelines not limits.)

INFORMATION CONTACTS:

Headquarters Office: Training, Career Development and Referral Office, National Institute of Neurological Disorders and Stroke, National Institutes of Health, Department of Health and Human Services, Neuroscience Center, 6001 Executive Boulevard, Suite 2222B, Bethesda, MD 20892. Telephone: (301) 496-4188. Program Contacts: Dr. William Heetderks, Repair and Plasticity, telephone: (301) 496-1447; Dr. Audrey Penn, Neural Environment, telephone: (301) 496-3167; Dr. John Marler, Neurodegeneration, telephone: (301) 496-9135; Dr. Deborah Hirtz, Neurodevelopment, telephone: (301) 496-5821; Dr. Cheryl Kitt, Systems & Cognition Neuroscience: Synapses & Circuits, telephone: (301) 496-9964; National Institute of Neurological Disorders and Stroke, National Institutes of Health, Department of Health and Human Services, Neurosciences Center, 6001 Executive Boulevard, Bethesda, MD 20892. Grants Management Contact: Ms. Joellen Harper, Grants Management Officer, National Institute of Neurological Disorders and Stroke, National Institutes of Health, Department of Health and Human Services, Neuroscience Center, 6001 Executive Boulevard, Bethesda, MD 20892. Telephone: (301) 496-9231. Contracts Management Contact: Mr. Kirk Davis, Contracts Management Officer, National Institute of Neurological Disorders and Stroke, National Institutes of Health, Department of Health and Human Services, Neuroscience Center, 6001 Executive Boulevard, Bethesda, MD 20892. Telephone: (301) 496-1813.

93.856 Microbiology and Infectious Diseases Research

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To support research related to Microbiology and Infectious Diseases with the broad aim of improving health by controlling disease caused by infectious or parasitic agents. Projects range from studies of microbial physiology and antigenic structure to collaborative trials of experimental drugs and vaccines. Also supported are studies on the mechanisms of resistance to antibiotics as well as research dealing with epidemiological observations in hospitalized patients or community populations. The objectives of the program are to assist public and private nonprofit institutions and individuals to establish, expand and improve biomedical research and research training in infectious diseases and related areas; to assist public, private and commercial institutions to conduct developmental research; to produce and test research materials; and to provide research services as required by the agency for programs in infectious diseases. Small Business Innovation Research (SBIR) program expands and improves private sector participation in biomedical research. The SBIR Program intends to increase and facilitate private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. The Small Business Technology Transfer (STTR) program stimulates and fosters scientific and technological innovation through cooperative research and development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Research Career Development Awards support the development of scientists during the formative stages of their careers. Individual National Research Service Awards (NRSAs) are made directly to approved applicants for research training in specified biomedical shortage areas. In addition, Institutional National Research Service Awards are made to enable institutions to select and make awards to individuals to receive training under the aegis of their institutional program.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Universities, colleges, hospitals, laboratories and other public or private nonprofit domestic institutions, including State and local units of government. Individuals are eligible to make application for grant support of research by a named principal investigator or a research career development candidate. For-profit organizations are also eligible, with the exception of NRSA. Individual NRSA awardees must be nominated and sponsored by a public or nonprofit private institution having staff and facilities appropriate to the proposed research training program. All NRSA awardees must be citizens or have been admitted to the United States for permanent residence. To be eligible, predoctoral candidates must have completed the baccalaureate degree and postdoctoral candidates must have a professional or scientific degree (M.D., Ph.D., D.D.S., D.O., D.V.M., Sc.D., D.Eng.), or must have an equivalent domestic or foreign degree. SBIR grants can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is being proposed and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the U.S. or its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which researches proposed and have no more than 500 employees) which "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$781,271,000; FY 00 est \$923,647,000; and FY 01 est \$985,544,000. (SBIR) FY 99 \$30,236,000; FY 00 est \$34,073,000; and FY 01 est \$36,374,000. (STTR) FY 99 \$1,846,000; FY 00 est \$2,054,000; and FY 01 est \$2,190,000.

Range and Average of Financial Assistance: (Grants) \$2,000 to \$18,680,394; \$301,242. (NRSAs) \$11,240 to \$675,964; \$98,494. (SBIR) Average Phase I awards are for approximately \$100,000; Phase II awards may be made for amounts up to \$750,000 (total for funding period). (STTR) Phase I approximately \$100,000; Phase II up to \$500,000. (Total per funding period.)

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Dr. John J. McGowan, Acting Director, Division of Extramural Activities, National Institutes of Allergy and Infectious

Diseases, National Institutes of Health, Public Health Service, Department of Health and Human Services, Bethesda, MD 20892. Telephone: (301) 496-7291. Grants Management Contact: Ms. Mary Kirker, Grants Management Officer, Grants Management Branch, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Public Health Service, Department of Health and Human Services, Bethesda, MD 20892. Telephone: (301) 496-7075. Use the same numbers for FTS.

93.864 Population Research

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To seek solutions to the fundamental problems of the reproductive processes; to strive to develop and evaluate safer and more effective contraceptives; and to understand how population structure and change affect the health and well-being of individuals and society. The Center for Population Research (CPR) supports biomedical research in the reproductive sciences, clinical and epidemiological studies of contraceptives and the risk of sexually transmitted diseases (STDs) including HIV, and behavioral and demographic studies on population processes and structure. Small Business Innovation Research (SBIR) program: To expand and improve the SBIR program; to increase private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Grants: Universities, colleges, medical, dental, and nursing schools, and schools of public health; laboratories, hospitals, State and local health departments, and other non-profit or for-profit public or private institutions; and individuals. NRSAs: Support is provided for academic and research training only, in health and health-related areas that are periodically specified by the National Institutes of Health. Individuals with a professional or scientific degree are eligible (M.D., Ph.D., D.D.S., D.O., D.V.M., Sc.D., D.Eng., or equivalent domestic or foreign degree). Proposed study must result in biomedical or behavioral research training in specified shortage areas and may offer opportunity to research health scientists, research clinicians, and other science professionals to broaden their scientific background, or to extend their potential for research in health-related areas. Applicants must be citizens of the United States or be admitted to the United States for permanent residency; they

also must be nominated and sponsored by a public or private institution having staff and facilities suitable to the proposed research training. Domestic organizations may apply for the Institutional NRSA grant. SBIR: SBIR grants can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed, and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the U.S. or its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees) in "partnership" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be favorably recommended on the basis of scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: All Grants: FY 99 \$168,454,000; FY 00 est \$196,591,000; and FY 01 est \$206,706,000. (SBIR/STTR) FY 99 \$4,634,000; FY 00 est \$5,122,000; and FY 01 est \$5,384,000.

Range and Average of Financial Assistance: The fiscal year 2000, estimates - Research project grants: \$50,000 to \$5,000,000; \$273,100. Individual research fellowship awards: Basic stipend (first year beyond the doctoral degree) of \$28,416. The sponsoring institution will be provided, on application, with an allowance of up to \$4,000 per year to help defray the cost of training. No dependency allowances. SBIR: Average Phase I awards are for approximately \$75,000; Phase II awards may be made for amounts up to \$750,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Dr. Florence Haseltine, Director, Center for Population Research, National Institute of Child Health and Human Development, NIH, DHHS, Building 61E, Room 8B07, MSC 7510, Bethesda, MD 20892-7510. Telephone: (301) 496-1101; FAX: (301) 496-0962; E-mail: haseltif@exchange.nih.gov. Grants Management Contact: Ms. Diane Watson, Chief, Grants Management Branch, National Institute of Child Health and Human Development, NIH, DHHS, Building 61E, MSC 7510, Bethesda, MD 20892-7510. Telephone: (301) 496-5001; FAX (301) 402-0915; E-mail: watsond@exchange.nih.gov. Use the same numbers for FTS.

93.865 Center for Research for Mothers and Children

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To stimulate, coordinate, and support fundamental and clinical, biomedical, and behavioral research and research training associated with normal development from conception to maturity and those factors or special health problems that may delay or interfere with normal development. The Center for Research for Mothers and Children (CRMC) supports research for mothers, children, and families, and is designed to: (1) Advance knowledge about fetal development, pregnancy, and birth; (2) identify the prerequisites of optimal growth and development through infancy, childhood, and adolescence; and (3) contribute to the prevention and treatment of mental retardation, developmental disabilities, and other childhood and adolescent problems. Small Business Innovation Research (SBIR) program: To expand and improve the SBIR program; to increase private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Grants: Universities, colleges, medical, dental and nursing schools, schools of public health, laboratories, hospitals, State and local health departments, other public or private institutions, both nonprofit and for-profit, and individuals. National Research Service Award: Support is provided for academic and research training only, in health and health-related areas that are periodically specified by the National Institutes of Health. Individuals with a professional or scientific degree are eligible (M.D., Ph.D., D.D.S., D.O., D.V.M., Sc.D., D.Eng., or equivalent domestic or foreign degree). Predoctoral research training grants to institutions are also supported. Proposed study must result in biomedical or behavioral research training in a specified shortage area and which may offer

opportunity to research health scientists, research clinicians, etc., to broaden their scientific background or to extend their potential for research in health-related areas. Applicants must be citizens of the United States or be admitted to the United States for permanent residency; they also must be nominated and sponsored by a public or private institution having staff and facilities suitable to the proposed research training. Domestic nonprofit organizations may apply for the institutional NRS grant. SBIR: SBIR grants can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed, and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the U.S. or its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees) which "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: All Grants: FY 99 \$356,467,000; FY 00 est \$415,697,000; and FY 01 est \$437,400,000. SBIR/STTR: FY 99 \$8,062,000; FY 00 est \$8,912,000; and FY 01 est \$9,368,000.

Range and Average of Financial Assistance: The fiscal year 2000 estimates - Research project grants: \$50,000 to \$5,000,000; \$351,400. Individual research fellowship awards: Basic stipend (first year beyond the doctoral degree) of \$28,416. The sponsoring institution will be provided, on application, with an allowance of up to \$4,000 per year to help defray the cost of training. No dependency allowances. SBIR: Average Phase I awards are for approximately \$75,000; Phase II awards may be made for amounts up to \$750,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Dr. Sumner Yaffe, Director, Center for Research for Mothers and Children (CRMC), National Institute of Child Health and Human Development, NIH, DHHS, Building 61E, Room 4B05, MSC 7510, Bethesda, MD 20892-7510. Telephone: (301) 496-5097; FAX (301) 480-7773; E-mail: sy15g@nih.gov, or Dr. Charlotte Catz, Acting Deputy Director, CRMC, Telephone: (301) 496-5575; FAX (301) 496-3790; E-mail: cc87z@nih.gov. Grants Management Contact: Ms. Diane Watson, Chief, Grants Management

Branch, National Institute of Child Health and Human Development, NIH,
DHHS, Building 61E, Room 8A01, MSC-7510, Bethesda, MD 20892-7510.
Telephone: (301) 496-5001; FAX (301)402-0915; E-mail:
watsond@exchange.nih.gov. Use the same numbers for FTS.

93.866 Aging Research

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To encourage biomedical, social, and behavioral research and research training directed toward greater understanding of the aging process and the diseases, special problems, and needs of people as they age. The National Institute on Aging has established programs to pursue these goals. The biology of aging program emphasizes understanding the basic biological processes of aging. The geriatrics program supports research to improve the abilities of health care practitioners to respond to the diseases and other clinical problems of older people. The behavioral and social research program supports research that will lead to greater understanding of the social, cultural, economic and psychological factors that affect both the process of growing old and the place of older people in society. The neuroscience and neuropsychology of aging program fosters research concerned with the age-related changes in the nervous system as well as the related sensory, perceptual, and cognitive processes associated with aging. Small Business Innovation Research (SBIR) program: To expand and improve the SBIR program; to increase private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Grants: Universities, colleges, medical, dental and nursing schools, schools of public health, laboratories, hospitals, State and local health departments, other public or private institutions (both for-profit and nonprofit), and individuals. National Research Service Award: Individual NRSAs may be made for postdoctoral training to applicants who hold a professional or scientific degree (M.D., Ph.D., D.D.S., D.O., D.V.M., Sc.D., D.Eng., or equivalent domestic or foreign degree). Institutional NRSAs may be made for both

predoctoral and postdoctoral research training. Predoctoral awardees must have a baccalaureate degree. Applicants must be citizens of the United States or admitted for permanent residency. Individual NRSA awardees must be nominated and sponsored by a public or private nonprofit institution having staff and facilities suitable to the proposed research training. Nonprofit domestic organizations may apply for the Institutional NRSA. SBIR grants can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed, and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the U.S. or its possessions. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees) which "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application that exceeds \$50,000 in direct costs must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. If the direct cost of a grant approved by a scientific review group does not exceed \$50,000, it may be funded without approval by a national advisory council.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$461,468,000; FY 00 est \$534,712,000; and FY 01 est \$562,296,000. (NRSA) FY 99 \$16,319,000; FY 00 est \$17,300,000; and FY 01 est \$17,589,000. (SBIR grants) FY 99 \$12,988,000; FY 00 est \$15,006,000; and FY 01 est \$16,234,000.

Range and Average of Financial Assistance: Grants: \$3,276 to \$3,933,000; \$296,839. Individual NRSAs: Basic stipend (first year beyond the doctoral degree) of \$21,420. The sponsoring institution will be provided, upon application, with an allowance of up to \$4,000 per year to help defray the cost of training. No dependency allowances. Institutional NRSAs: \$3,386 to \$427,886; \$152,542. SBIR: Phase I awards may be made up to \$75,000; Phase II awards may be made for amounts up to \$500,000, or in special circumstances, such as clinical trials, up to \$600,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contacts: For information on the biology of aging, contact: Dr. Huber Warner, National Institute on Aging, National Institutes of Health, Department of Health and Human Services, Bethesda, MD 20892. Telephone: (301) 496-4996. For information on geriatrics and clinical research, contact Dr. Evan Hadley (same address). Telephone: (301) 496-6761. For

information on behavioral and social research, contact: Dr. Richard Suzan (same address). Telephone: (301) 496-3136. For information on neuroscience and neuropsychology of aging research, contact: Dr. Marcella Morrison- Beograd (same address). Telephone: (301) 496-9350. For information on Small Business Innovation Research Program, contact: Dr. Miriam F. Kelly (same address). Telephone: (301) 496-9322. Grants Management Contact: Mr. Joseph Ellis, Grants Management Officer, Office of Extramural Affairs, National Institute of Aging, National Institutes of Health, Department of Health and Human Services, Bethesda, MD 20892. Telephone: (301) 496-1472. Use the same numbers for FTS.

93.867 Vision Research

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To support eye and vision research projects that address the leading causes of blindness and impaired vision in the U.S. These include retinal diseases, such as diabetic retinopathy and macular degeneration; corneal diseases; cataract; glaucoma; strabismus; and amblyopia. To increase understanding of the normal development and function of the visual system; to understand the causes of, and to better prevent, diagnose, and treat sight-threatening conditions; and, to enhance the rehabilitation, training, and quality of life of individuals who are partially-sighted or blind. To support a broad program of basic vision research through grants and cooperative agreements; to encourage high quality clinical research, including clinical trials and other epidemiologic studies; to encourage research training and career development in the sciences related to vision; and to sponsor scientific workshops in high priority research areas to encourage exchange of information among scientists. Small Business Innovation Research (SBIR) program: To increase private sector commercialization of innovations derived from Federal research and development; to encourage small business participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Universities, colleges, hospitals, laboratories, federal institutions and other public or private nonprofit and for-profit domestic institutions, including small businesses, and State and local units of government are eligible to make application for research grants, cooperative agreements, and career development awards. Foreign institutions may apply for research grants only. The grantee must agree to administer the grant in accordance with prevailing regulations and policies. Candidates for Mentored Clinical Scientist Development Awards are restricted to those holding health professional degrees

in the clinical sciences (M.D., O.D., D.D.S., D.V.M., or equivalent). NRSAAs are provided for predoctoral and postdoctoral research training. Individual NRSAAs may be made for applicants who hold a professional or scientific degree (M.D., Ph.D., O.D., D.D.S., D.V.M., Sc.D., D.Eng., or equivalent degree). Institutional NRSAAs may be made for both predoctoral and postdoctoral research training. Predoctoral awardees must have completed the baccalaureate degree. All awardees must be citizens of the United States, or have been admitted to the U.S. for permanent residence prior to award. Individual NRSA awardees must be nominated and sponsored by a Federal, public or private nonprofit institution having staff and facilities suitable to the proposed research training. Federal and for-profit organizations, and State and local governments may not apply for an institutional NRSA. Refer to the NIH Program Guidelines on NRSAAs for further information. The Small Business Innovation grants: SBIRs can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed, and have not more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of the award and during the conduct of the proposed project. The research during both Phase I and Phase II must be performed in the U.S. or its possessions. Only Phase I awardees are eligible to receive Phase II support. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees) which "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions.

FINANCIAL INFORMATION:

Obligations: (Grants and Cooperative Agreements) FY 99 \$336,210,000; FY 00 est \$387,430,000; and FY 01 est \$408,887,000. (NRSA): FY 99 \$9,356,000; FY 00 est \$9,675,000; and FY 01 est \$9,868,000. (SBIR and STTR): FY 99 \$9,142,000; FY 00 est \$10,362,000; and FY 01 est \$10,821,000.

Range and Average of Financial Assistance: Grants and cooperative agreements: \$762 to 3,716,000; \$238,000. NRSA (Institutional): \$1,080 to \$315,900; \$146,000. NRSA (Individual): \$3,964 to \$66,200; \$28,500. SBIR and STTR Grants: Average Phase I awards are for approximately \$100,000; Phase II awards may be made for amounts up to \$750,000 for a 2-year period.

INFORMATION CONTACTS:

Headquarters Office: Dr. Ralph J. Helmsen, Research Resources Officer, National Eye Institute, National Institutes of Health, Department of Health and Human Services, EPS 350, 6120 Executive Boulevard MSC 7164, Bethesda, MD 20892-7164. Telephone: (301) 496-5301. Grants Management Officer Contact: Ms. Carolyn E. Grimes, Chief, Grants Management Branch, National Eye

Institute, National Institutes of Health, Department of Health and Human Services, EPS 350, 6120 Executive Boulevard MSC 7164 Bethesda, MD 20892-7164. Telephone: (301) 496-5884. Use the same numbers for FTS. The National Eye Institute encourages prospective applicants to visit its internet site at www.nei.nih.gov/. Among the many recent additions to the site is an expanded "Funding Information/Grants and Contracts" section which contains all National Eye Institute application guidelines and internet links to relevant NIH sites.

93.879 Medical Library Assistance

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To improve health information services by providing funds to train professional personnel; strengthen library and information services; facilitate access to and delivery of health science information; plan and develop advanced information networks; support certain kinds of biomedical publications; and conduct research in medical informatics and related sciences. Small Business Innovation Research (SBIR) program: To expand and improve the SBIR program; to increase private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: For Information Access Grants: Any public or private nonprofit institution which maintains or plans to establish library and information services to clientele in the health professions. For Information Systems Grants: Any nonprofit institution or organization unit whose primary function is the acquisition, preservation, dissemination, and/or processing of information relating to the health sciences. For Internet Connections Grants: Any domestic, public or private, nonprofit institutions engaged in health sciences administration, education, research, and/or clinical care. For IAIMS Grants: Any public or private nonprofit health sciences institution or organization. For Scientific Publication Grants: Appropriate public or private nonprofit institution of higher education may apply in behalf of the principal investigator on the project; also, individuals may apply directly. For Research Grants: Institutions or organizations with research capabilities in the health information fields or in medical informatics. Training Grants, when available, may be made to nonfederal public and nonprofit private institutions. Fellowships may be awarded to individuals at the pre-doctoral

or post-doctoral level. Trainees or fellows must be citizens or noncitizen nationals of the United States or have been lawfully admitted to the United States for permanent residence. SBIR can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed, and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees) which "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$29,563,000; FY 00 est \$34,563,000; and FY 01 est \$38,460,000.

Range and Average of Financial Assistance: The range is from \$12,000 to \$1,800,000; \$29,917.

INFORMATION CONTACTS:

Headquarters Office: Extramural Programs, National Library of Medicine, National Institutes of Health, Public Health Service, Department of Health and Human Services, Bethesda, MD 20894. Telephone: (301) 496-4621. Program Contacts: Telephone: (301) 594-4882. Grants Management Contact: Grants Management Officer: Telephone: (301) 496- 4221. Grant Review Contact: Scientific Review Administrator. Telephone: (301) 496-4253. Use the same numbers for FTS. Website: www.nlm.nih.gov/ep/extramural.html.

93.884 Grants for Residency Training in General Internal Medicine and/or General Pediatrics

(Primary Care Training)

FEDERAL AGENCY:

HEALTH RESOURCES AND SERVICES ADMINISTRATION,
DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

Grants are awarded to assist graduate training programs in family medicine, general internal medicine and/or general pediatrics to expand and improve the quality of residency training programs that prepare graduates to enter primary care practice. Residency training programs should emphasize national innovations aimed at primary care residency education across disciplines.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Applicant must be an accredited public or private nonprofit school of allopathic medicine or osteopathic medicine or a public or nonprofit hospital or other public or private nonprofit entity. Each allopathic program must be fully or provisionally accredited by the Accreditation Council for Graduate Medical Education. Each osteopathic program must be approved by the American Osteopathic Association.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$20,038,649 (\$11,781,376 Family Medicine; \$8,257,273 General Internal Medicine and/or Pediatrics); FY 00 est \$17,734,945 (\$11,010,880 Family Medicine; \$6,722,065 General Internal Medicine and/or Pediatrics); and FY 01 est \$0. (This modifies and consolidates Grants for Graduate Training in Family Medicine and Grants for Graduate Training in General Internal Medicine and/or General Pediatrics.)

Range and Average of Financial Assistance: From \$108,000 to \$294,561; \$198,943 for Family Medicine and From \$108,968 to \$300,509; \$211,725 for General Internal Medicine and/or Pediatrics.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Primary Care Medical Education Branch, Division of Medicine, Bureau of Health Professions, Health Resources and Services Administration, Department of Health and Human Services, Room 9A-27, 5600 Fishers Lane, Rockville, MD 20857. Telephone: (301) 443-1467. Grants Management Contact: Wilma Johnson, Grants Management Officer, Bureau of Health Professions, Health Resources and Services Administration, Public Health

Service, Department of Health and Human Services, 5600 Fishers Lane, Room 8C-26, Rockville, MD 20857. Telephone: (301) 443-6880.

93.895 Grants for Faculty Development in Family Medicine

FEDERAL AGENCY:

HEALTH RESOURCES AND SERVICES ADMINISTRATION,
DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

Grants are awarded to plan, develop and operate a program for the training of physicians who plan to teach in family medicine (including geriatrics), general internal medicine, general pediatrics, and to provide financial assistance (in the form of traineeships) to physicians who are participating in any such program.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Accredited schools of medicine or osteopathic medicine, public or private nonprofit hospital, or other public or private nonprofit entities.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$16,613,206 (\$10,781,696 for Family Medicine and \$5,831,510 for General Internal Medicine and/or General Pediatrics; FY 00 est \$17,388,665 (\$11,069,426 for Family Medicine and \$6,319,239 for General Internal Medicine and/or General Pediatrics); and FY 01 est \$0. (This modifies and consolidates Grants for Faculty Development in Family Medicine, and Grants for Faculty Development in General Internal Medicine and/or General Pediatrics.)

Range and Average of Financial Assistance: From \$38,545 to \$273,920; \$168,464 for Family Medicine and \$59,727 to \$267,110; \$161,986 for General Internal Medicine and/or General Pediatrics.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Elsie Quinones, Program Specialist, Primary Care Medical Education Branch, Division of Medicine, Bureau of Health Professions, Health Resources and Services Administration, Department of Health and Human Services, Room 9A-27, 5600 Fishers Lane, Rockville, MD 20857. Telephone: (301) 443-1467.

93.896 Predoctoral Training in Primary Care (Family Medicine, General Internal Medicine/General Pediatrics)

(Predoctoral Training)

FEDERAL AGENCY:

HEALTH RESOURCES AND SERVICES ADMINISTRATION,
DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

Grants are awarded to assist schools of medicine or osteopathic medicine to promote predoctoral training. The program assists schools in meeting the costs of projects to plan develop and operate or participate in an approved predoctoral training program in the field of family medicine, general internal medicine, and general pediatrics. Proposed projects should seek to expand and enhance the quality of predoctoral initiatives: (1) Innovation, (2) Comprehensive Models, and (3) Establishment and expansion of Required Clerkships.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Any accredited nonprofit school of allopathic medicine or osteopathic medicine.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$6,602,463; FY 00 est \$6,185,300; and FY 01 est \$0.

Range and Average of Financial Assistance: The range is from \$43,200 to \$235,609; \$114,079.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Chief, Primary Care Medical Education Branch, Division of Medicine, Bureau of Health Professions, Health Resources and Services Administration, Department of Health and Human Services, Room 9A-27, 5600 Fishers Lane, Rockville, MD 20857. Telephone: (301) 443-1467. Grants Management Contact: Wilma Johnson, Grants Management Officer, Bureau of Health Professions, Health Resources and Services Administration, Department of Health and Human Services, 5600 Fishers Lane, Room 8C-26, Rockville, MD 20857. Telephone: (301) 443-6880.

93.897 Residencies and Advanced Education in the Practice of General Dentistry

FEDERAL AGENCY:

HEALTH RESOURCES AND SERVICES ADMINISTRATION,
DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

This program strives to increase the number of training opportunities in postdoctoral general dentistry and to improve program quality. For the upcoming grant cycle, applicants are encouraged to detail manners in which graduates of the general dentistry residency will be well trained in meeting the treatment needs of pediatric patient populations. This program places particular emphasis on support of applications which encourage practice in underserved areas, provision of a broad range of clinical services, coordination and integration of care, meeting the needs of special populations, and recruitment and retention of under-represented minorities.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: To be eligible for a grant for residency training in the practice of general dentistry, the applicant shall include entities that have programs in dental schools, approved residency programs in the general practice of dentistry, and approved advanced education programs in the general practice of dentistry.

FINANCIAL INFORMATION:

Obligations: FY 99 \$3,944,219; FY 00 est \$3,944,219; and FY 01 est \$3,944,219.

Range and Average of Financial Assistance: The range is from \$40,000 to \$302,000; \$136,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Edwin Spirer, Primary Care Medical Education Branch, Bureau of Health Professions, Health Resources and Services Administration, Public Health Service, Department of Health and Human Services, 5600 Fishers Lane, Room 9A-20, Rockville, MD 20857. Telephone: (301) 443-3456. Grants Management Contact: Wilma Johnson, Grants Management Officer, Bureau of Health Professions, Health Resources and Services Administration, Public Health Service, Department of Health and Human Services, Parklawn Building, Room 8C-26, 5600 Fishers Lane, Rockville, MD 20857. Telephone: (301) 443-6880.

93.900 Grants for Faculty Development in General Internal Medicine and/or General Pediatrics

(CIM/CP)

FEDERAL AGENCY:

HEALTH RESOURCES AND SERVICES ADMINISTRATION,
DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To promote the development of faculty skills in physicians (full-time, part-time, volunteer, fellows and/or residents) who are currently teaching or who plan teaching careers in general internal medicine and/or general pediatrics training programs. As with the residency training programs in general internal medicine and general pediatrics, programs supported by these grants will emphasize the principles of primary care as demonstrated through continuity, ambulatory, preventive and psychosocial aspects of the practice of medicine.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: The applicant must be: an accredited public or private nonprofit school of allopathic medicine or school of osteopathic medicine, or a public or private nonprofit hospital or other entity, and located in a State.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$6,437,180; FY 00 est \$0; and FY 01 est \$0. (This program has been consolidated into Faculty Development in Primary Care, 93.895 in FY 00.)

Range and Average of Financial Assistance: The range is from \$84,761 to \$260,226; \$143,368.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Martha Evans, Acting, Chief, Primary Care Medical Education Branch, Division of Medicine, Bureau of Health Professions, Health Resources and Services Administration, Department of Health and Human Services, Room 9A-27, 5600 Fishers Lane, Rockville, MD 20857. Telephone: (301) 443-1467. Grants Management Contact: Ms. Wilma Johnson, Grants Management Officer, Bureau of Health Professions, Health Resources and Services Administration, Public Health Service, Department of Health and Human Services, 5600 Fishers Lane, Room 8C-26, Rockville, MD 20857. Telephone: (301) 443-6880. Use the same numbers for FTS.

93.910 Family and Community Violence Prevention Program

(Family Life Centers)

FEDERAL AGENCY:

OFFICE OF MINORITY HEALTH, OFFICE PUBLIC HEALTH AND SCIENCES, OFFICE OF THE ASSISTANCE SECRETARY FOR HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To establish Family Life Centers on the campuses of 25 minority institutions of higher education to: 1) Assess local community resources for violence prevention projects; 2) Coordinate activities with existing violence prevention projects; 3) Design and implement educational interventions addressing interpersonal family violence; and 4) Design and implement a project to identify students from dysfunctional families and support them with coping strategies.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Eligible Applicants: An institute of higher education representing 4-year undergraduate institutions and a 2 year tribal college historically identified as providing education primarily to minority students, or having a majority enrollment of minority students.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$6,400,000; FY 00 est \$6,400,000; and FY 01 est \$6,400,000.

Range and Average of Financial Assistance: Cooperative Agreements, \$6,400,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Ms. Cynthia H. Amis, Director, Division of Program Operations, Office of Minority Health, Office of Public Health and Science, Office of the Secretary, Department of Health and Human Services, Suite 1000, Rockwall II Building, 5515 Security Lane, Rockville, MD 20852. Telephone: (301) 594-0769. Grants Management Contact: Mrs. Carolyn Williams, Grants Management Officer, Division of Management Operations, Office of Minority Health, Office of Public Health and Science, Office of the Secretary, Department of Health and Human Services, Suite 1000, Rockwall II Building, 5515 Security Lane, Rockville, MD 20852. Telephone: (301)594-0758. Use the same numbers for FTS.

(301)594-4235.

93.924 Ryan White HIV/AIDS Dental Reimbursements

FEDERAL AGENCY:

HEALTH RESOURCES AND SERVICES ADMINISTRATION,
DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To compensate dental schools and postdoctoral dental education programs for unreimbursed costs they have incurred in providing oral health services to Human Immunodeficiency Virus or Acquired Immune Deficiency Syndrome (HIV/AIDS) patients. Reimbursement will be made for documenting the number of HIV/AIDS patients treated and uncompensated costs incurred providing oral health services to HIV/AIDS patients.

TYPES OF ASSISTANCE:

Direct Payments for Specified Use.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Public or private nonprofit schools of dentistry or accredited post-graduate dental training programs, located in the 50 United States, the District of Columbia, the Commonwealth of Puerto Rico, the Commonwealth of the Northern Mariana Islands, the Virgin Islands, Guam, American Samoa or the Federated States of Micronesia, the Republic of the Marshall Islands and the Republic of Palau.

FINANCIAL INFORMATION:

Obligations: (Direct Payments) FY 99 \$7,800,000; FY 00 est \$8,000,000; and FY 01 est \$8,100,000.

Range and Average of Financial Assistance: The range is from \$150 to \$659,124; \$81,049.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Dr. Barry Waterman, Program Development Branch, Division of Community Based Programs, HIV/AIDS Bureau, Health Resources and Services Administration, Parklawn Building, Room 7-90, 5600 Fishers Lane, Rockville, MD 20857. Telephone: (301) 443-1434.

93.928 Special Projects of National Significance

(SPNS)

FEDERAL AGENCY:

HEALTH RESOURCES AND SERVICES ADMINISTRATION,
DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To contribute to the advancement of knowledge and skill in the delivery of health and support services to persons with human immunodeficiency virus (HIV) disease.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Public and nonprofit private entities, including community based organizations. Eligible entities may include, but are not limited to, State or local health departments, public or private hospitals, community based service organizations, institutions of higher education, and national organizations of service providers.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$25,000,000; FY 00 est \$25,000,000; and FY 01 est \$25,000,000.

Range and Average of Financial Assistance: The range is from \$168,998 to \$1,712,814; \$500,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Mr. Steven Young, Deputy Director, Office of Science and Epidemiology, HIV/AIDS Bureau, Health Resources and Service Administration, 5600 Fishers Lane, Room 7A-08, Rockville, MD 20857. Telephone Number: (301) 443-7136. Grants Management Contact: Ms. Janice Gordon, Grants Management Branch, HIV/AIDS Bureau, Health Resources and Services Administration, 5600 Fishers Lane, Room 7-27, Rockville, MD 20857. Telephone: (301) 443-2385. Use the same numbers for FTS.

93.929 Center for Medical Rehabilitation Research

(CMRR)

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

The general mission of NCMRR is to foster development of scientific knowledge needed to enhance the health, productivity, independence and quality of life of people with physical disabilities. To accomplish this goal, the center stimulates, coordinates and supports research and research training. The focus is on health-related improvement in human functioning: physical, cognitive, behavioral, and social. Medical rehabilitation research concerns the scientific acquisition of knowledge about potential or existing interventions that have the goal of maximizing the health-related functioning of people with conditions associated with disabilities. The field encompasses research in broad ranges of disciplines in the biological, social, behavioral, psychological, and allied health sciences. Small Business Innovation Research (SBIR) program: To expand and improve the SBIR program; to increase private sector commercialization of innovations derived from Federal research and development; to increase small business participation in Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation. Small Business Technology Transfer (STTR) program: To stimulate and foster scientific and technological innovation through cooperative research development carried out between small business concerns and research institutions; to foster technology transfer between small business concerns and research institutions; to increase private sector commercialization of innovations derived from Federal research and development; and to foster and encourage participation of socially and economically disadvantaged small business concerns and women-owned small business concerns in technological innovation.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Eligible applicants are universities, colleges, medical, dental and nursing schools, and schools of public health; laboratories, hospitals, State and local health departments, and other for-profit public or private institutions, and individuals. SBIR grants can be awarded only to domestic small businesses (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed, and have no more than 500 employees). Primary employment (more than one-half time) of the principal investigator must be with the small business at the time of award and during the

conduct of the proposed project. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council. STTR grants can be awarded only to domestic small business concerns (entities that are independently owned and operated for profit, are not dominant in the field in which research is proposed and have no more than 500 employees) which "partner" with a research institution in cooperative research and development. At least 40 percent of the project is to be performed by the small business concern and at least 30 percent by the research institution. In both Phase I and Phase II, the research must be performed in the U.S. and its possessions. To be eligible for funding, a grant application must be approved for scientific merit and program relevance by a scientific review group and a national advisory council.

FINANCIAL INFORMATION:

Obligations: (Grants): FY 99 \$26,911,000; FY 00 est \$31,500,000; and FY 01 est \$33,264,000. (SBIR/STTR): FY 99 \$4,109,000; FY 00 est \$4,543,000; and FY 01 est \$4,776,000).

Range and Average of Financial Assistance: The fiscal year 2000 estimates - Research Project Grants: \$50,000 to \$5,000,000; \$251,800. Individual Research Fellowship Awards: Basic stipend (first year beyond the doctoral degree) of \$28,416. The sponsoring institution will be provided, upon application, with an allowance of up to \$4,000 per year to help defray the costs of training. No dependency allowances. SBIR: Average Phase I awards are for approximately \$75,000; Phase II awards may be made for amounts up to \$750,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Dr. Louis Quatrano, National Center for Medical Rehabilitation Research, National Institute of Child Health and Human Development, NIH, DHHS, 6100 Executive Blvd., Rm. 2A03, MSC 7510, Bethesda, MD 20892-7510. Telephone: (301) 402-4221; FAX (301)402-0832; E-mail: lq2n@nih.gov. Grants Management Contact: Ms. Diane Watson, Chief, Grants Management Branch, National Institute of Child Health and Human Development, NIH, DHHS, 6100 Executive Blvd., Room 8A01, MSC 7510, Bethesda, MD 20892-7510. Telephone: (301)496-5001; FAX: (301)-402-0915; E-mail: dw40j@nih.gov. Use the same numbers for FTS.

93.933 Demonstration Projects for Indian Health

FEDERAL AGENCY:

INDIAN HEALTH SERVICE, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To promote improved health care among American Indians and Alaska Natives through research studies and demonstration projects, addressing such issues as Elder Care, Women's Health Care, and Child Protection and Child Abuse Prevention.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Federally recognized Indian tribes; tribal organizations; nonprofit intertribal organizations; nonprofit urban Indian organizations contracting with the Indian Health Service under Title V of the Indian Health Care Improvement Act; public or private nonprofit health and education entities; and State and local government health agencies.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$1,006,588; FY 00 est \$1,006,588; and FY 01 est \$1,006,588. Elder Health Care Initiatives: FY 99 \$825,743; FY 00 est \$825,743; and FY 01 est \$825,743. Indian Women's Demonstration: FY 99 \$733,920; FY 00 est 733,920; and FY 01 est \$733,920.

Range and Average of Financial Assistance: The range is from \$27,000 to \$300,000; \$115,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Ms. Lahoma Roebuck, Management Analyst, Office of Managed Care, Indian Health Service, Parklawn Bldg., Room 6A-55, 5600 Fishers Lane, Rockville, MD 20857. Telephone: (301) 443-3024. For Indian Women's Health Demonstration Program Contact: Ms. Sandra Dodge, Public Health Nurse Consultant, Office of Public Health, Parklawn Building, Room 6A-44, 5600 Fishers Lane, Rockville, MD 20857. Telephone: (301) 443-1840. For Grants Management Contact: Ms. M. Kay Carpentier, Grants Management Officer, Grants Management Branch, Division of Acquisition and Grants Management, Indian Health Service, Twinbrook Metro Plaza, 12300 Twinbrook Parkway, Suite 100, Rockville, MD 20852. Telephone: (301) 443-5204. Use the same numbers for FTS.

93.934 Fogarty International Research Collaboration Award
(FIRCA)

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND
HUMAN SERVICES

OBJECTIVES:

To facilitate collaborative research efforts between U.S. and foreign scientists that will expand and enhance the NIH-supported research program of the U.S. Principal Investigator, while at the same time benefiting the scientific interests of the collaborating foreign scientist. These small grants will provide funds to purchase supplies, materials, and small equipment items necessary to conduct the collaborative research in the foreign scientists laboratory. Travel support for both the U.S. Principal Investigator and the foreign collaborator is also provided. The small grants will provide up to \$32,000 in direct costs per year for up to 3 years.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: The grant applicant is the U.S. institution where the U.S. principal investigator is employed.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$4,410,000; FY 00 est \$5,322,000; and FY 01 est \$6,046,000.

Range and Average of Financial Assistance: The award average is \$35,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Dr. Kathleen Michels, Division of International Training and Research, Fogarty International Center, Bldg. 31, Room B2C39, 32 Center Drive MSC2220, Bethesda, MD 20892-2220. Telephone: (301) 496-1653. FAX: (301) 402-0779. Grants Management Contact: Ms. Silvia Mandes, Grants Management Officer, Fogarty International Center, National Institutes of Health, Building 31, Room B2C39, 31 Center Drive MSC2220, Bethesda, MD 20892-2220. Telephone: (301) 496-1653. Use the same numbers for FTS.

93.942 Research, Treatment and Education Programs on Lyme Disease in the United States

(Lyme Disease)

FEDERAL AGENCY:

CENTERS FOR DISEASE CONTROL AND PREVENTION, DEPARTMENT
OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To develop and implement practical and effective measures for the primary and secondary prevention of Lyme disease.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Public and nonprofit organizations able to provide services to geographical areas where Lyme disease is endemic or found to be newly emerging. Thus, universities, colleges, research institutions, State and local health departments, and private nonprofit organizations are eligible. Applications containing feasible proposals for public health education are of particular interest.

FINANCIAL INFORMATION:

Obligations: (Cooperative Agreements) FY 99 \$4,120,727; FY 00 est \$4,312,793; and FY 01 est \$4,600,000.

Range and Average of Financial Assistance: From \$30,000 to \$325,618; \$127,164.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Ms. Mary Ellen Fernandez, National Center for Infectious Diseases, Centers for Disease Control and Prevention, P.O. Box 2087, Fort Collins, CO 80522. Telephone: (970) 221-6426. FAX: (970) 221-6476. Email: meg2@cdc.gov. Grants Management Contact: Ms. Mildred Garner, Grants Management Branch, Procurement and Grants Office, Centers for Disease Control and Prevention (CDC), 2920 Brandywine Road, Atlanta, GA 30341. Telephone: (770) 488-2730. FAX: (770) 488-2777.

93.943 Epidemiologic Research Studies of Acquired Immunodeficiency Syndrome (AIDS) and Human Immunodeficiency Virus (HIV) Infection in Selected Population Groups

(Epidemiologic Research Studies of AIDS and HIV)

FEDERAL AGENCY:

CENTERS FOR DISEASE CONTROL AND PREVENTION, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To support research of important HIV-related epidemiologic issues concerning risks of transmission, the natural history and transmission of the disease in certain populations and development and evaluation of behavioral recommendations for reducing AIDS and HIV infection. Of special interest are programs that examine these research issues as they affect minority populations (defined as one of the four federally-recognized groups: African-Americans; Asian/Pacific Islanders; Latinos/Hispanics; and Native Americans).

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Eligible applicants include States, political subdivisions of States or their agents or instrumentalities, private research organizations, other public and private nonprofit organizations, and for-profit organizations.

FINANCIAL INFORMATION:

Obligations: FY 99 \$19,488,415; FY 00 est \$19,500,000; and FY 01 est \$19,500,000.

Range and Average of Financial Assistance: The range is from \$5,000 to \$3,500,000; \$600,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Mr. Jeff Efird, Chief of Operations, Epidemiology Branch, Division of HIV/AIDS Prevention/Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention; Center for Disease Control and Prevention, 1600 Clifton Road, NE., MS-E-45, Atlanta, GA 30333. Telephone: (404) 639-6130. Grants Management Contact: Mr. Ron Van Duyne, Grants Management Branch, Procurement and Grants Office, Centers for Disease Control and Prevention (CDC), 2920 Brandywine Road, Room 3000, Atlanta, GA 30341. Telephone: (770) 488-2720.

93.947 Tuberculosis Demonstration, Research, Public and Professional Education

FEDERAL AGENCY:

CENTERS FOR DISEASE CONTROL AND PREVENTION, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To assist States, political subdivisions of States, and other public and nonprofit private entities in conducting research into prevention and control of tuberculosis, especially research concerning strains of tuberculosis resistant to drugs; in conducting demonstration projects for the prevention and control of tuberculosis; in providing public information and education programs for prevention and control of tuberculosis; and in developing education, training, and clinical skills improvement activities in the prevention and control of tuberculosis for health professionals, including allied health personnel.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: States, political subdivisions of States, and other public and nonprofit private entities.

FINANCIAL INFORMATION:

Obligations: (Cooperative Agreements) FY 99 \$403,000; FY 00 est \$555,000; and FY 01 est \$555,000.

Range and Average of Financial Assistance: The range is from \$55,800 to \$200,000; \$150,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Kenneth G. Castro, M.D., National Center for HIV, STD, and TB Prevention, Centers for Disease Control and Prevention, Public Health Service, 1600 Clifton Road, NE. Atlanta, GA 30333. Telephone: (404) 639-8120. Grants Management Contact: Terry Maricle, Grants Management Officer, Grants Management Branch, Procurement and Grants Office, Centers for Disease Control and Prevention, 2920 Brandywine Road, Suite 3000, Atlanta, GA 30341. Telephone: (770) 488-2720.

93.948 Pilot Clinical Pharmacology Training

FEDERAL AGENCY:

FOOD AND DRUG ADMINISTRATION, DEPARTMENT OF HEALTH AND
HUMAN SERVICES

OBJECTIVES:

To assist in the establishment of a clinical pharmacology training and research demonstration program at domestic medical schools.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Domestic medical schools may apply.

FINANCIAL INFORMATION:

Obligations: (Grants) under old program FY 99 \$500,000; FY 00 est \$459,992; and FY 01 est \$460,000.

Range and Average of Financial Assistance: The range is from \$300,000 to \$750,000.

INFORMATION CONTACTS:

Headquarters Office: Grants Management Contact: Rosemary Springer, Grants Management Specialist, Division of Contracts and Procurement Management, OFACS, Food and Drug Administration, Public Health Service, HFA-520, Room 2129, 5630 Fishers Lane, Rockville, MD 20852. Telephone: (301) 827-7182. Use the same number for FTS. FAX: (301) 827-7106. E-MAIL: rspringe@oc.fda.gov.

93.955 Health and Safety Programs for Construction Work

FEDERAL AGENCY:

CENTERS FOR DISEASE CONTROL AND PREVENTION, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

Health and Safety Programs for Construction Work: To support the development of health and safety programs for construction workers. The goal is to reduce the toll of occupational injuries and illnesses in the construction industry.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Eligible applicants include nonprofit and for-profit organizations. Universities, colleges, research institutions, hospitals, and other public and private organizations, State and local health departments and small, minority and/or women- owned businesses are eligible.

FINANCIAL INFORMATION:

Obligations: (Cooperative Agreements) Safety and Health Interventions in the Construction Industry: FY 99 \$4,003,886; FY 00 est \$4,003,886; and FY 01 est \$4,003,886. Prevention Center for Occupational Safety and Health in the Construction Industry: FY 99 \$875,000; FY 00 est \$0; and FY 01 est \$0.

Range and Average of Financial Assistance: Safety and Health Interventions in the Construction Industry - \$4,003,886 for one award.

INFORMATION CONTACTS:

Headquarters Office: Grants Management Contact: Lisa Garbarino, Grants Management Branch, Procurement and Grants Office, Centers for Disease Control and Prevention, 2920 Brandywine Road, Room 3000, Atlanta, GA 30341. Telephone: (770) 488-2710. Program Contact for Safety and Health: Linda Goldenhar, Division of Surveillance, Hazard Evaluations and Field Studies, 5555 Ridge Road, Cincinnati, Ohio 45213. Telephone: (513) 841-4493.

93.956 Agricultural Health and Safety Programs

(Centers for Agricultural Disease and Injury Research, Education, and Prevention; Community Partners for Healthy Farming (CPHF); Deep South Center for Agricultural Disease and Injury Research, Education and Prevention)

FEDERAL AGENCY:

CENTERS FOR DISEASE CONTROL AND PREVENTION, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

Centers for Agricultural Research: To address the research, education, and intervention activities that are unique to agriculture by establishing centers for agricultural research, education, and disease and injury prevention.

Musculoskeletal: To assist in the development, implementation, and maintenance of a model program for the diagnosis, evaluation, and rehabilitation of individuals with occupational respiratory disease and occupational musculoskeletal disorders. Additionally, this program will report and disseminate findings, relevant health and safety education and training information to State health officials, health care providers, workers, management, unions, and employers. CPHF: This project is a component of the NIOSH Agriculture Initiative which consists of cooperative agreements between NIOSH and State Health Departments to fund the placement of public health/occupational health nurses in agricultural communities. Local recruiting of nurses with farm background and interests in agriculture has enhance their ability to become a part of the communities they serve, to establish effective disease and injury reporting systems based on the cooperation of health care providers, hospitals and other potential sources and to follow up their information-gathering activities with public health interventions (usually education or the recruitment of other resources such as cooperative extension services, NIOSH, etc.). Nurses in this project are practicing community health and providing a public health infrastructure which targets the farming community. Deep-South Center for Agricultural Disease and Injury Research, Education, and Prevention: This cooperative agreement program will significantly strengthen the occupational and public health infrastructure by building on past Agricultural Center accomplishments aimed at integrating resources for occupational safety and health research and public health prevention programs at the State and local levels.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Eligible applicants are: Centers for Agricultural Research - State and private universities and university- affiliated, not-for-profit medical centers within the United States of America. CPHF - Nonprofit and for-profit organizations, thus, universities, colleges, research institutions, hospitals, and

other public and private organizations, State and local health departments, and small, minority and/or women-owned businesses.

FINANCIAL INFORMATION:

Obligations: (Cooperative Agreements) Centers for Agricultural Disease and Injury Research, Education, and Prevention: FY 99 \$5,809,000; FY 00 est \$5,809,000; and FY 01 est \$5,809,000. (CPHF): FY 99 \$1,875,682; FY 00 est \$1,303,319; and FY 01 est \$1,303,319. Deep-South Center for Agricultural Disease and Injury Research, Education and Prevention: FY 99 \$350,000; FY 00 est \$350,000; and FY 01 est \$350,000.

Range and Average of Financial Assistance: Prevention Centers for Agricultural Research: \$630,500 to \$880,000; \$755,250. CPHF: \$144,750 to \$182,040; \$163,395. Deep-South Center for Agricultural Disease and Injury Research, Education and Prevention: \$350,000 (no range is available).

INFORMATION CONTACTS:

Headquarters Office: Grants Management Contact: Lisa Garbarino, Grants Management Branch, Procurement and Grants Office, Centers for Disease Control and Prevention, 2920 Brandywine Road, Atlanta, Georgia 30341. Telephone: (770) 488-2710. Program Contact for Centers for Agricultural Disease and Injury Research, Education, and Prevention: Greg Kullman, Division of Respiratory Disease Studies, NIOSH, 1095 Willowdale Road, MS-P04/18, Morgantown, WV 26505-2888. Telephone: (304) 285-5711. Program Contact for Community Partners for Healthy Farming (Intervention): Janet Ehlers, Division of Surveillance, Hazard Evaluations and Field Studies, NIOSH, 5555 Ridge Avenue, MS-P03/R21, Cincinnati, Ohio 45213. Telephone: (513) 841-4205.

93.962 Health Administration Traineeships and Special Projects Program

FEDERAL AGENCY:

HEALTH RESOURCES AND SERVICES ADMINISTRATION,
DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To support eligible students enrolled in accredited graduate programs in health administration, hospital administration, or health policy analysis and planning, and to assist in the development or improvement of programs to prepare students for employment with public or nonprofit private entities.

TYPES OF ASSISTANCE:

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Eligible applicants are State or local governments (that have in effect preventive medical and dental public health residency programs) or public or nonprofit private educational entities (including graduate schools of social work and business schools that have health management programs) that offer a graduate program in health administration, hospital administration or health policy analysis and planning accredited by the Accrediting Commission on Education in Health Services Administration. Applicants must assure that, in providing traineeships, priority will be given to students who demonstrate a commitment to employment with public or nonprofit private entities in health administration and management.

FINANCIAL INFORMATION:

Obligations: (Formula Grants) FY 99 \$1,044,600; FY 00 est \$970,225; and FY 01 est \$0.

Range and Average of Financial Assistance: From \$2,493 to \$54,842; Average Traineeship Award: \$17,584. Average Special Project Award: \$24,898.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Mr. Thomas Perez, Public Health and Dental Education Branch, Division of Associated, Dental, and Public Health Professions, Bureau of Health Professions, Health Resources and Services Administration, Department of Health and Human Services, 5600 Fishers Lane, Room 8C-09, Rockville, MD 20857. Telephone: (301) 443-6896. Grants Management Contact: Wilma Johnson, Grants Management Officer, Bureau of Health Professions, Health Resources and Services Administration, Department of Health and Human Services, Room 8C-26, 5600 Fishers Lane, Rockville, MD 20857. Telephone: (301) 443-6880.

93.969 Grants for Geriatric Education Centers

FEDERAL AGENCY:

HEALTH RESOURCES AND SERVICES ADMINISTRATION,
DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

Grants are given to support the development of collaborative arrangements involving several health professions schools and health care facilities. Geriatric Education Centers facilitate training of health professional faculty, students, and practitioners in the diagnosis, treatment and prevention of disease, disability, and other health problems of the aged. Health professionals include allopathic physicians, osteopathic physicians, dentist, optometrists, podiatrists, pharmacists, nurse practitioners, physicians assistants, chiropractors, clinical psychologists, health administrators, and other allied health professionals. Projects supported under these grants must offer training involving four or more health professions, one of which must be allopathic or osteopathic medicine, and must address one or more of the following statutory purposes: (a) improve the training of health professionals in geriatrics, including geriatric residencies, traineeships, or fellowships; (b) develop and disseminate curricula relating to the treatment of the health problems of elderly individuals; (c) support training and retraining of faculty to provide instruction in geriatrics; (d) support continuing education of health professionals who provide geriatric care; and (e) provide students with clinical training in geriatrics in nursing homes, chronic and acute disease hospitals, ambulatory care centers, and senior centers.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Grants may be made to accredited health professions schools as defined by Section 799B(1) of the Public Health Service Act, or programs for the training of physicians assistants as defined by Section 799B(3), or schools of allied health as defined in Section 799B(4), or schools of nursing as defined by Section 801(2).

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$7,972,980; FY 00 est \$7,949,375; and FY 01 est \$0.

Range and Average of Financial Assistance: From \$75,131 to \$317,362; \$201,714.

INFORMATION CONTACTS:

Headquarters Office: Program Contacts: Diane Hanner, Coordinator, Geriatric Education Centers Program, Division of Associated, Dental and Public Health

Professions, Health Resources and Services Administration, Public Health Service, Parklawn Building, Room 8-103, 5600 Fishers Lane, Rockville, Maryland 20857. Telephone: (301) 443-6763. Grants Management Contact: Wilma Johnson, Grants Management Officer, Bureau of Health Professions, Health Resources and Services Administration, Parklawn Building, Room 8C26, 5600 Fishers Lane, Rockville, MD 20857. Telephone: (301) 443-6880. Use same numbers for FTS.

93.970 Health Professions Recruitment Program for Indians

(Recruitment Program)

FEDERAL AGENCY:

INDIAN HEALTH SERVICE, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

(1) To identify American Indians and Alaska Natives with a potential for education or training in the health professions, and to encourage and assist them to enroll in health or allied health professional schools; (2) to increase the number of nurses, nurse midwives, nurse practitioners and nurse anesthetists who deliver health care services to American Indians and Alaska Natives; and (3) to place health professional residents for short-term assignments at Indian Health Service (IHS) facilities as a recruitment aid.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Public or private nonprofit health or educational entities or Indian tribes or tribal organizations as specifically provided in legislative authority.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$2,870,700; FY 00 est \$2,870,700; and FY 01 est \$2,870,700.

Range and Average of Financial Assistance: The range is from \$50,000 to \$400,000; \$224,600.

INFORMATION CONTACTS:

Headquarters Office: For Health Professions Recruitment and Health Resident Recruitment Contact: Mr. Darrell Pratt, Acting Director, Division of Health Professions Support, Indian Health Service, Twinbrook Metro Plaza, 12300 Twinbrook Parkway, Suite 100A, Rockville, MD 20852. Telephone: (301) 443-4242. For Nursing Recruitment Contact: Ms. Carol Gowett, M.S., R.N., Nurse Consultant, Nursing Program, Indian Health Service, Room 6A-44, Parklawn Building, 5600 Fishers Lane, Rockville, MD 20857. Telephone: (301) 443-1840. Grants Management Contact: Ms. Kay Carpentier, Grants Management Officer, Grants Management Branch, Division of Acquisitions and Grants Management, Indian Health Service, Twinbrook Metro Plaza, 12300 Twinbrook Parkway, Suite 100, Rockville, MD 20852. Telephone: (301) 443-5204. Use the same numbers for FTS.

93.974 Family Planning--Service Delivery Improvement Research Grants

(SDI)

FEDERAL AGENCY:

OFFICE OF THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To promote service delivery improvement through research studies and application of knowledge.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Any public entity (city, county, local, regional, or State government) or private nonprofit entity located in a State (including the District of Columbia, Puerto Rico, the Commonwealth of the Northern Marianas Islands, Guam, American Samoa, the Virgin Islands, the Federated States of Micronesia, the Republic of Marshall Islands and the Republic of Palau) is eligible to apply for a grant under this subpart.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$3,307,380; FY 00 est \$12,000,000; and FY 01 est \$12,000,000.

Range and Average of Financial Assistance: The range is from \$150,000 to \$510,000; \$190,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Ms. Eugenia Eckard, Office of Population Affairs, Department of Health and Human Services, 4350 East-West Highway, Suite 200, Bethesda, MD 20814. Telephone: (301) 594- 4008. Grants Management Contact: Grants Management Officer, Office of Grants Management, Office of Population Affairs, Department of Health and Human Services, 4350 East-West Highway, Suite 200, Bethesda, MD 20814. Telephone: (301) 594-4012. Use the same numbers for FTS.

93.978 Preventive Health Services--Sexually Transmitted Diseases Research, Demonstrations, and Public Information and Education Grants

FEDERAL AGENCY:

CENTERS FOR DISEASE CONTROL AND PREVENTION, DEPARTMENT
OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To develop, improve, apply, and evaluate methods for the prevention and control of gonorrhea, chlamydia, syphilis, and other sexually-transmitted diseases (STD) through demonstrations and applied research; to develop, improve, apply, and evaluate methods and strategies for public information and education about syphilis, gonorrhea, chlamydia and other STD; and to support professional (including appropriate allied health personnel) STD education, training, and clinical skills improvement activities.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Any State, political subdivisions of States, and any other public or private nonprofit institutions.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$14,564,456; FY 00 est \$16,783,762; and FY 01 est \$17,000,000.

Range and Average of Financial Assistance: The range is from \$34,500 to \$310,900; \$185,200.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Judith N. Wasserheit, M.D., M.P.H., Director, Division of STD Prevention, National Center for HIV, STD, and TB Prevention, Centers for Disease Control and Prevention, Department of Health and Human Services, 1600 Clifton Road, NE, Mailstop E-02, Atlanta, Georgia 30333. Telephone: (404) 639-8260. Fax: (404) 639-8608. Grants Management Contact: Ron Van Duyne, Grants Management Officer, Grants Management Branch, Procurement and Grants Office, Centers for Disease Control and Prevention, Department of Health and Human Services, 2920 Brandywine Road, Atlanta, GA 30341. Telephone: (770) 488-2720. Fax: (770) 488-2847.

93.989 Senior International Fellowships

FEDERAL AGENCY:

NATIONAL INSTITUTES OF HEALTH, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

(1) To promote the exchange of ideas and information about the latest advances in the biomedical and behavioral sciences between U.S. biomedical scientists and those of other nations of the world; and (2) to bring to the foreign and U.S. institutions the knowledge and professional scientific background that will lead to improvement in the biomedical research potential of both institutions.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Applicants for Senior International Awards must be U.S. citizens, or have been admitted for permanent residence in the U.S. and possess a permanent visa at the time of award; have at least 5 years of experience in biomedical research, teaching, or other relevant professional experience in the medical and biological sciences beyond the doctorate or an equivalent professional medical degree; hold a full-time appointment on the staff of a U.S. institution, which must be a nonfederal or private nonprofit research, clinical or educational institution; be invited by a nonprofit foreign institution; not have received more than one Senior International Fellowship previously; and not be employed by the Federal government.

FINANCIAL INFORMATION:

Obligations: (Grants) FY 99 \$505,000; FY 00 est \$500,000; and FY 01 est \$300,000.

Range and Average of Financial Assistance: The range is from \$9,500 to \$46,000; \$27,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Dr. Kathleen Michels, Division of International Training and Research, Fogarty International Center, National Institutes of Health, Building 31, Room B2C39, 31 Center Drive MSC 2220, Bethesda, MD 20892-2220. Telephone: (301) 496-1653. Grants Management Contact: Ms. Silvia Mandes, Grants Management Officer, Division of International Research and Training, Fogarty International Center, National Institutes of Health, Building 31, Room B2C39, 31 Center Drive MSC 2220, Bethesda, MD 20892-2220. Telephone: (301) 496-1653. Use the same numbers for FTS.

93.990 National Health Promotion

FEDERAL AGENCY:

OFFICE OF PUBLIC HEALTH AND SCIENCE, OFFICE OF THE
SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES

OBJECTIVES:

To engage national membership organizations from various sectors as a means of expanding and coordinating health promotion efforts. To promote the development, implementation and coordination of programs that promote good health habits and programs that are designed to prevent disease and disability. These objectives are consistent with the General Authorities set forth in Sections 1701(a) and 301 of the Public Health Service Act.

TYPES OF ASSISTANCE:

Project Grants.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: Public or private nonprofit organizations.

FINANCIAL INFORMATION:

Obligations: (Cooperative Agreements) FY 99 \$525,878; FY 00 est \$350,000; and FY 01 est \$350,000.

Range and Average of Financial Assistance: The range is from \$50,000 to \$500,000.

INFORMATION CONTACTS:

Headquarters Office: Program Contact: Director, Office of Disease Prevention and Health Promotion, Department of Health and Human Services, 200 Independence Avenue, SW., Washington, DC 20201. Telephone: (202) 401-6295. Grants Management Contact: Ms. Cindy Oswald, Grants Management Specialist, Administrative Operations Service, Program Support Center, Department of Health and Human Services, Room 5C13, Parklawn Building, 5600 Fishers Lane, Rockville, MD 20857. Telephone: (301) 443-8826. Use the same numbers for FTS.

64.018 Sharing Specialized Medical Resources

(Sharing Contracts (Exchange of Use or Mutual Use))

FEDERAL AGENCY:

VETERANS HEALTH ADMINISTRATION, DEPARTMENT OF VETERANS AFFAIRS

OBJECTIVES:

To receive and share the most advanced medical techniques; to secure the use of specialized medical resources which otherwise might not be feasibly available to the VA and to provide services to the community through specialized medical resources which are not being utilized to their maximum effectiveness within the VA. (These medical resources are "specialized" resources or underutilized resources in the sense that they are unique in the medical community or can have maximum utilization only through mutual use.)

TYPES OF ASSISTANCE:

Provision of Specialized Services.

ELIGIBILITY REQUIREMENTS:

Applicant Eligibility: (For sharing of medical resources) Health care facilities including medical schools, hospitals, clinics, research centers and blood and organ banks. ("Hospitals" include any Federal, State, local, or other public or private hospital.)

FINANCIAL INFORMATION:

Obligations: (Salaries and Expenses) FY 99 \$145,500,000; FY 00 est \$185,500,000; and FY 01 est \$200,000,000.

Range and Average of Financial Assistance: Not applicable.

INFORMATION CONTACTS:

Headquarters Office: Director, Sharing and Purchasing Office (175), Veterans Health Administration, Department of Veterans Affairs, 810 Vermont Avenue, NW., Washington, DC 20420. Telephone: (202) 273- 8406.